

E. M. MURPHY, PRESIDENT
M. J. HALLINAN, VICE PRES.
D. L. KIMBALL, TREASURER
G. J. C RAM, SECRETARY

PONTIAC BUGGY Co.

WHOLESALE MANUFACTURERS
WESTERN AMESBURY LINE.

VEHICLES AND SLEIGHS

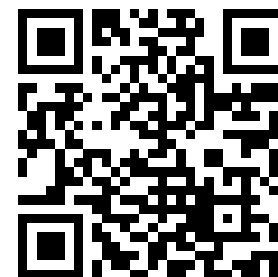
PONTIAC, MICHIGAN, U.S. A.

1905

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1905

There are larger catalogs
than ours,
but you understand
that “Radium” is worth more
than “Coal”.

What competitors say of us
matters little,
what we say and do
matters much.

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Read Before Writing Your Order

HOW TO ORDER

Please order by number, stating trimming, tops, color of painting, and with pole or shafts. By following the above you will overcome misunderstanding and delays.

Please state in your order how you wish your goods crated, under 30 or under 50 inches.

FREIGHT

The subject of freight is a very important one, and we endeavor to get the very best rates of freight at all times in making shipments, and also to crate our goods so that we will obtain the lowest rate possible. With two of the great trunk lines entering our city, we are so situated as to obtain the lowest possible rates, both east and west.

TOPS

- A BUGGY TOP—Finest leather, with best rubber side curtains, lined throughout; leather covered bows; used on No. 26 and 27 buggies only.
- B BUGGY TOP—Leather quarters, stays and back curtain, rubber roof, colored back side curtain; three or four bow steel sockets used on standard grade only.
- C BUGGY TOP—Leather quarters and back stays, rubber roof and curtains, lined throughout (except side curtains). Side curtains colored back rubber; three or four bow steel sockets; used on Oakland grade only.
- D BUGGY TOP—Made of rubber, lined throughout (except side curtains). Side curtains of colored back drill; three or four bow steel sockets; used on Oakland grade only.
- E BUGGY TOP—24 oz. Fairfield rubber, lined throughout to correspond with seat trimmings. Side curtains colored back rubber; three or four bow steel sockets; used on standard grade only.
- G BUGGY TOP—28 oz. rubber, lined throughout to correspond with seat trimmings; three or four bow steel sockets. Rubber, lined side curtains; used on No. 26 and 27 buggies only.
- DUST HOODS—We will supply with any top, at an extra charge, In no case will *Hood be given Free.*

DON'T'S Applying to WHEELS

Don't allow the rims of your wheels to be exposed. If the paint should become worn off by rough roads a little linseed oil rubbed on the rim after the vehicle has been washed will prevent moisture from penetrating the wood. Five cents expense in this way no doubt will save you dollars in the life of the vehicle.

DON'T LET YOUR TIRES GET LOOSE

We use the same care in setting tire as was used years ago. We put on all our tires hot by hand, not using the new style machines that ruin the life of the wheels. Tires must be kept tight to insure the life of the wheel. Continual usage over rough roads may stretch the tire. A slight expense in resetting tire will in all cases keep your vehicle in first-class shape, add years to its durability after warranty has expired.

SPECIAL MENTION

P R O M P T S H I P M E N T

We have a large building for the purpose of keeping a stock of carriages, complete and set up, and our endeavor is to please our customers with prompt shipments; but at times our immense capacity (three acres floor space) may not be entirely adequate to our wants, and shipments may get behind from this cause. If so, all orders will be considered to hold good until we accept countermand.

Note These Conditions:

Price and Terms...We quote a price on each vehicle by number as described in catalogue, stating terms and discounts named by us. F. O. B. cars, Pontiac, Mich.

Crating and Packing...We crate all our goods with great care and see that they are securely packed in cars at time of shipment, without extra charge.

References...When desiring to open an account with us or applying for an agency, give bank and trade references.

Responsibility...We cannot be responsible for the safe carriage or delivery of goods after they are receipted for "in good order" by the transportation company, but will always be glad to aid, as far as possible, in recovering for loss or damage in transportation.

Claims...Claims for damage or overcharge of freight, if any, must not be deducted from invoice, but if bill of lading and expense bill are sent to us, we will make claim against railroad company, and remit the amount to claimant as soon as collected. Any error or deficiency must be reported immediately upon receipt of goods.

Remittances...Please send New York draft or post office order payable to Pontiac Buggy Company, Pontiac, Mich. When money is sent by express, charges must be prepaid.

Settlements...*Must be made in accordance with terms of sale.* Customers, to avail themselves of cash discounts, must make remittances promptly on or before maturity of discount period or discount will not be allowed. **Customers not desiring to avail themselves of the cash discount must close account by note.**

Repairs...Transportation on all goods sent us for repairs must be prepaid.

To avoid the multiplicity of small accounts and the unavoidable labor connected therewith, we must insist upon the sending with all small orders sufficient cash to cover cost of goods desired.

If goods are to be sent by mail, send an extra amount to pay postage, and any surplus will be returned or placed to your credit on our books.

Positively no goods on consignment.

Our Guarantee

We guarantee all our work, with fair and reasonable usage, for one year from date of purchase. Breakage occurring within that time, on account of defective material or faulty workmanship, will be replaced free of charge, defective parts to be returned, and pay freight one way. This Guarantee does not apply to damages from accident, misuse or neglect, nor include resetting of Tires or renewing Tires worn out, or Poles and Shafts broken within the period above named.

Telegraph Code

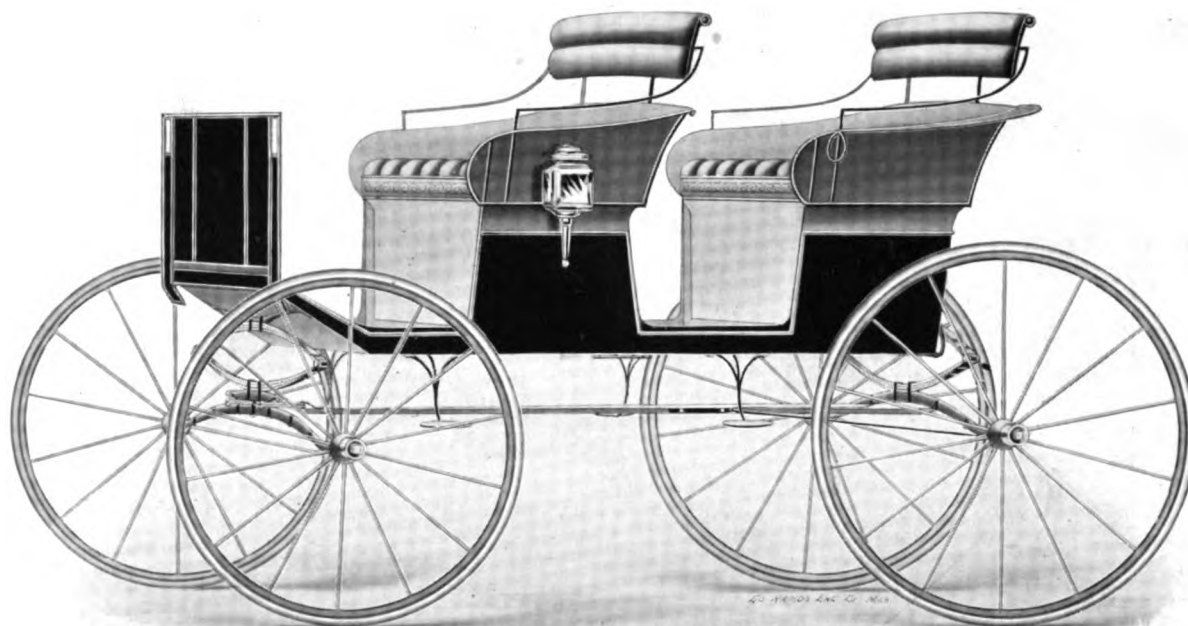
Preceding each catalogue number will be found a word to be used as part or our cypher code in sending orders by wire.

Suggestion

In the different grades of work we manufacture there will be found a variety of styles, ranging in prices to suit your entire trade. This will enable you to buy of us in car lots, and save a large amount of freight during the season. You can also establish a reputation on a certain line of work, which is more profitable than selling several different makes of goods, as this confuses the purchaser and often loses sales. Our work has a reputation which enables it to stand upon its own merits.

NOTE

All parts returned must be properly tagged with shipper's name, as well as our name and address, and shipping bill mailed to us . . .
No claim will be considered unless these conditions are complied with



Eastern—No. 224 Open Bike Surrey, $1\frac{1}{4}$ inch Cushion Tire.

Eastward—No. 226 Open Bike Surrey, $\frac{7}{8}$ inch Hard Rubber Tire.

Foley—No. 222 Open, Three-Quarter, High Wheel Surrey.

Bright—No. 223 Three-Quarter, High Wheel Surrey, Canopy Top.

A Grade.

Wheels—38-40 over all, $1\frac{1}{4}$ inch cushion tire or $\frac{7}{8}$ inch hard rubber tire.

Gear—1 inch self-oiling, dust-proof Concord axles, capped with sulky axle cap, wrought gear iron; 34 inch springs, $1\frac{1}{4}$ inch open head, wrought Bailey loops.

Body—Straight sill, heavy rocker plates, rubber padded step, rubber mat, solid foot dash.

Seats—Square corner, trimmed inside, with quarter fenders and oil-burning lamps, spring cushion.

Painting—Body, black; moulding, striped with carmine; gear, carmine.

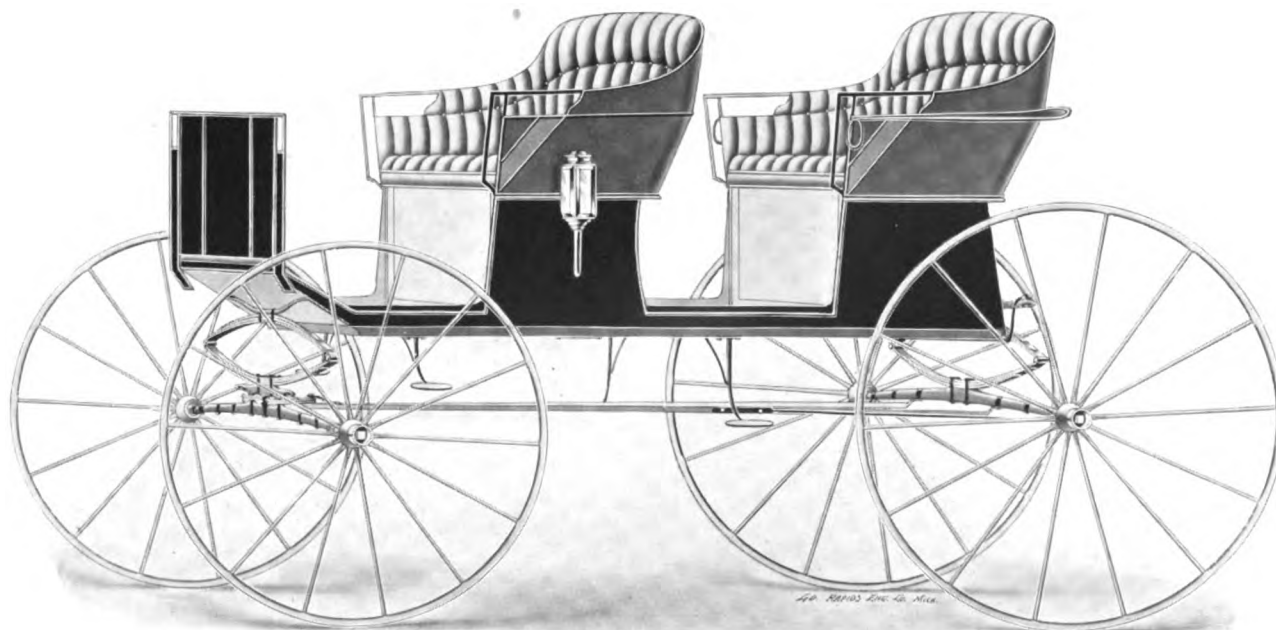
Trimmings—Covert, green or blue cloth or M. B. leather.

Miscellaneous—Heel brace shafts, with Mulholland coupling, 36 inch point leathers.

Track—4 feet 4 inches, 4 feet 8 inches only.

Wire wheels can be furnished on No. 224 if desired.

No. 222 Open and No. 223 Canopy Top Surreys, same but with regular gear, high wheel and steel tire.

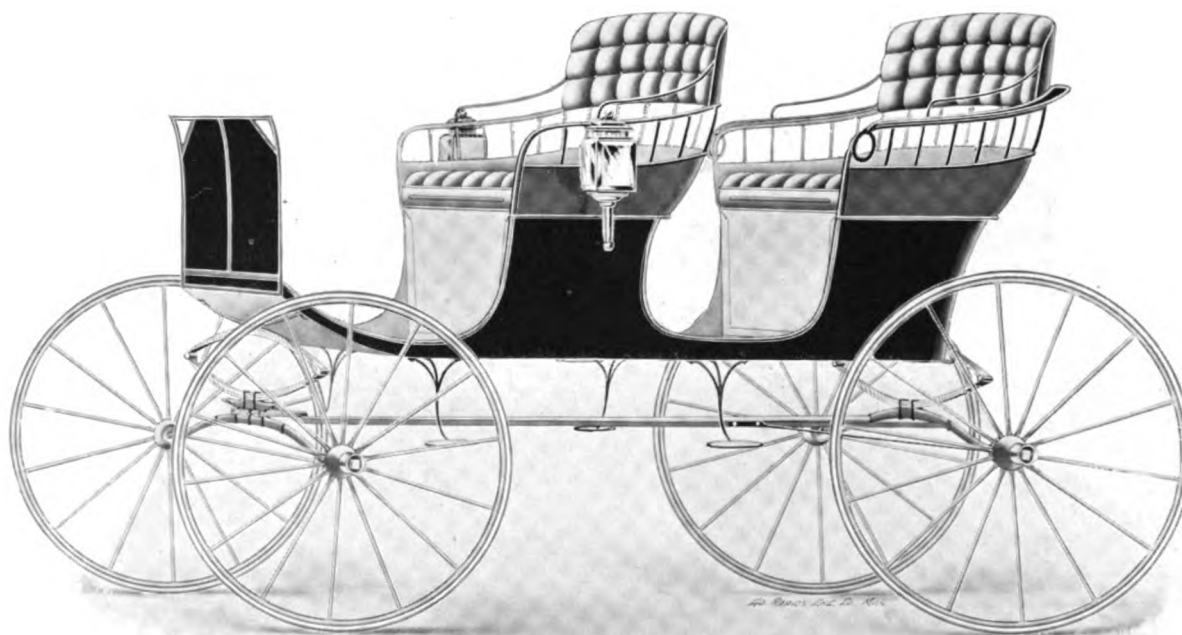


Errant—No. 24 Auto Surrey, Open, High Wheel.
Edge—No. 24½, Same as No. 24, but with Canopy Top.

A Grade.

Wheels— $\frac{3}{8}$ or $\frac{1}{2}$ inch tread, Foley band, screwed rims, full bolted.
Gear—1 1-16 inch self-oiling, dust-proof Concord axles, drop or arched; 36 inch open head springs, wrought Bailey loop or wood bar in rear, iron bar in front.
Body—Bracket front, heavy rocker plates, velvet carpet, wing dash.
Seats—Special bend Auto, oil-burning lamps, quarter fenders, spring cushion, spring back.

Painting—Body, black or in colors; gear, carmine.
Trimming—Covert, green or blue cloth or M. B. leather.
Miscellaneous—Heel brace shafts, Mulholland coupling, 36 inch point leathers.
Track—4 feet 8 inches or 5 feet 2 inches.



End—No. 57 Bike Surrey, Open, $\frac{7}{8}$ inch Rubber Tire.

Edgewise—No. 57½ Bike Surrey, Open, 1¼ inch Cushion Tire.

Standard Grade.

Wheels—Second-growth hickory, $\frac{7}{8}$ inch hard rubber or 1¼ inch cushion tires, screwed rims, 38-40 over all.

Gear—1 inch self-oiling, dust-proof Concord axles; 34 inch open head springs.

Body—Bent sills with rocker plates.

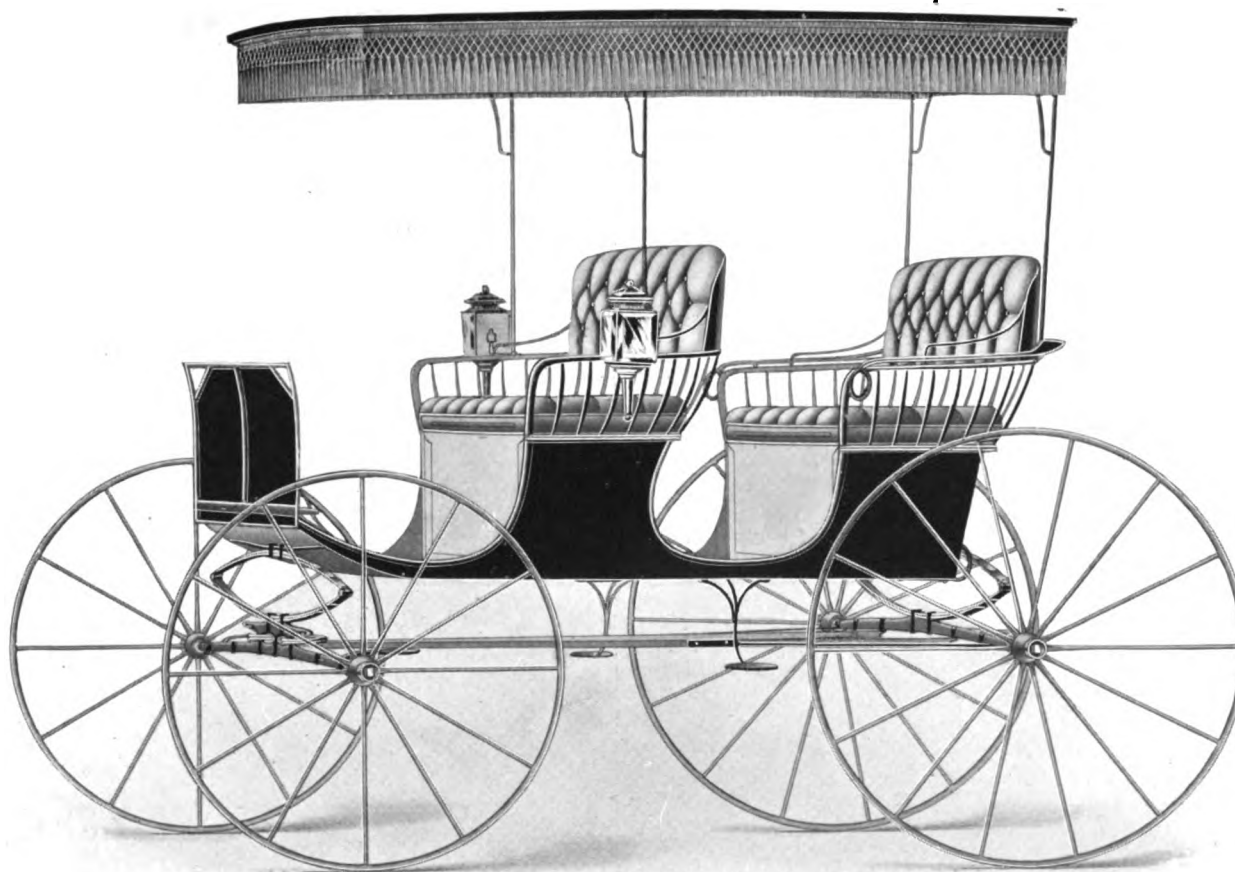
Seats—Special design with quarter fenders, oil-burning lamps, spring cushion.

Painting—Body, black; mouldings, striped with carmine; gear, N. Y. red.

Trimmings—Whipcord, green or blue cloth or leather.

Miscellaneous—Heel brace shafts with Mulholland coupling, 24 inch point leathers.

Track—4 feet 4 inches or 4 feet 8 inches.



Easter—No. 308 Three-quarter, One Horse Surrey, Stick Seat, Canopy Top.

Easterly—No. 309, same as No. 308, but with Rear Panel Seat, Canopy Top.

Westward—No. 310, same as No. 308, Stick Seats, but no Top.

Standard Grade.

Wheels— $\frac{3}{4}$ or 1 inch Sarven, screwed rims.

Gear—Self-oiling, dust-proof Concord axles, arched or drop; 34 inch open head springs, wrought Bailey loop.

Body—Bent sills, heavy rocker plates and fancy dash.

Seats—Bent spindle with arm rails, spring cushion, quarter fenders and lamps.

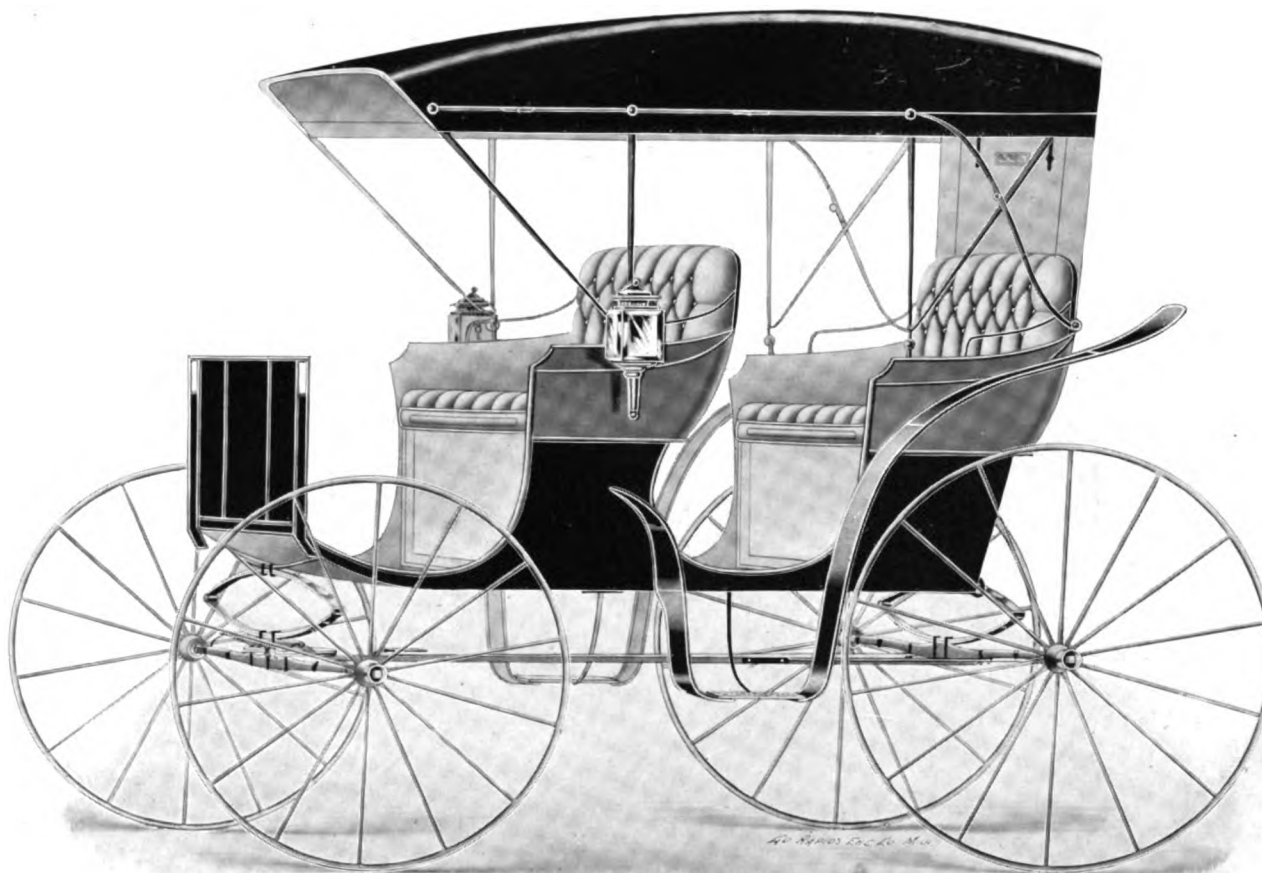
Painting—Body, black; mouldings and seats striped with carmine; gear, New York red or Brewster green.

Trimming—Whipcord, green cloth or leather.

Top—Canopy with rubber side curtains.

Miscellaneous—Heel brace shafts with standard coupling.

Track—4 feet 8 inches or 5 feet 2 inches.



Esto—No. 52 One Horse Surrey, Extension Top.
Estoax—No. 52½ One Horse Surrey, Canopy Top.

Standard Grade.

Wheels—¾ or 1 inch Sarven, screwed rims.

Gear—Self-oiling, dust-proof Concord axles, drop; open head 36 inch elliptic springs.

Body—Bent sills, heavy rocker plates, green velvet carpet.

Seats—Extra large, with lamps and double fenders.

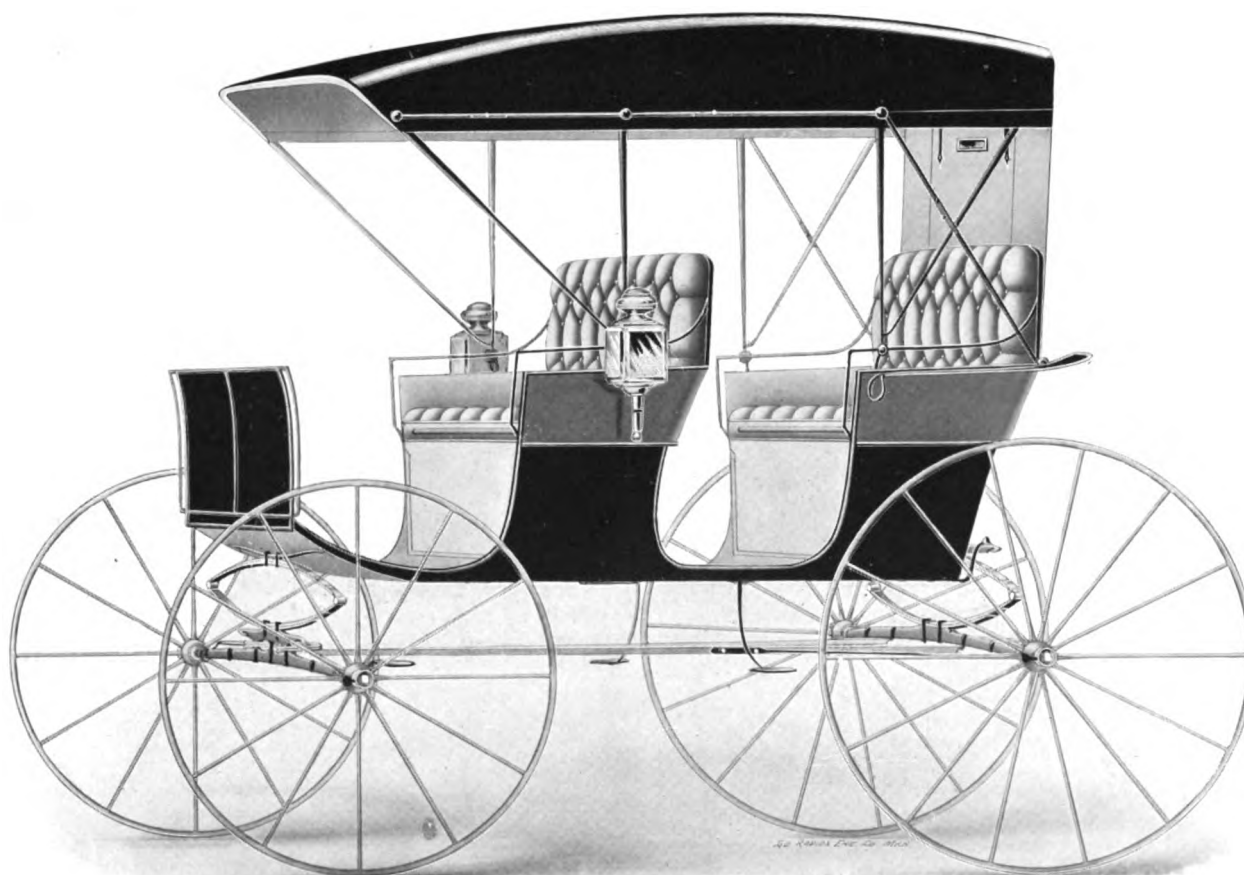
Painting—Body, black; mouldings, striped in carmine; seats in colors, neatly striped; gear, Brewster green with carmine striping.

Trimming—Whipcord or leather, green or blue cloth, spring cushion, spring back.

Top—Canopy or extension with rubber side curtains.

Miscellaneous—Shafts with heel brace, standard coupling.

Track—4 feet 8 inches or 5 feet 2 inches.



Estimate—No. 305 Light Three-Quarter Surrey, Extension Top.
Estimation—No. 306 Light Three-Quarter Surrey, Canopy Top.

Standard Grade.

Wheels— $\frac{7}{8}$ or 1 inch Sarven, screwed rims.

Gear— $1\frac{1}{4}$ inch self-oiling, dust-proof Concord axles, arched or drop; open head 34 inch elliptic springs, wrought Bailey loop.

Body—With bent sill, heavy rocker plates, fancy dash, velvet carpet.

Seats—Special design with spring back and spring cushion, quarter fenders and oil-burning lamps.

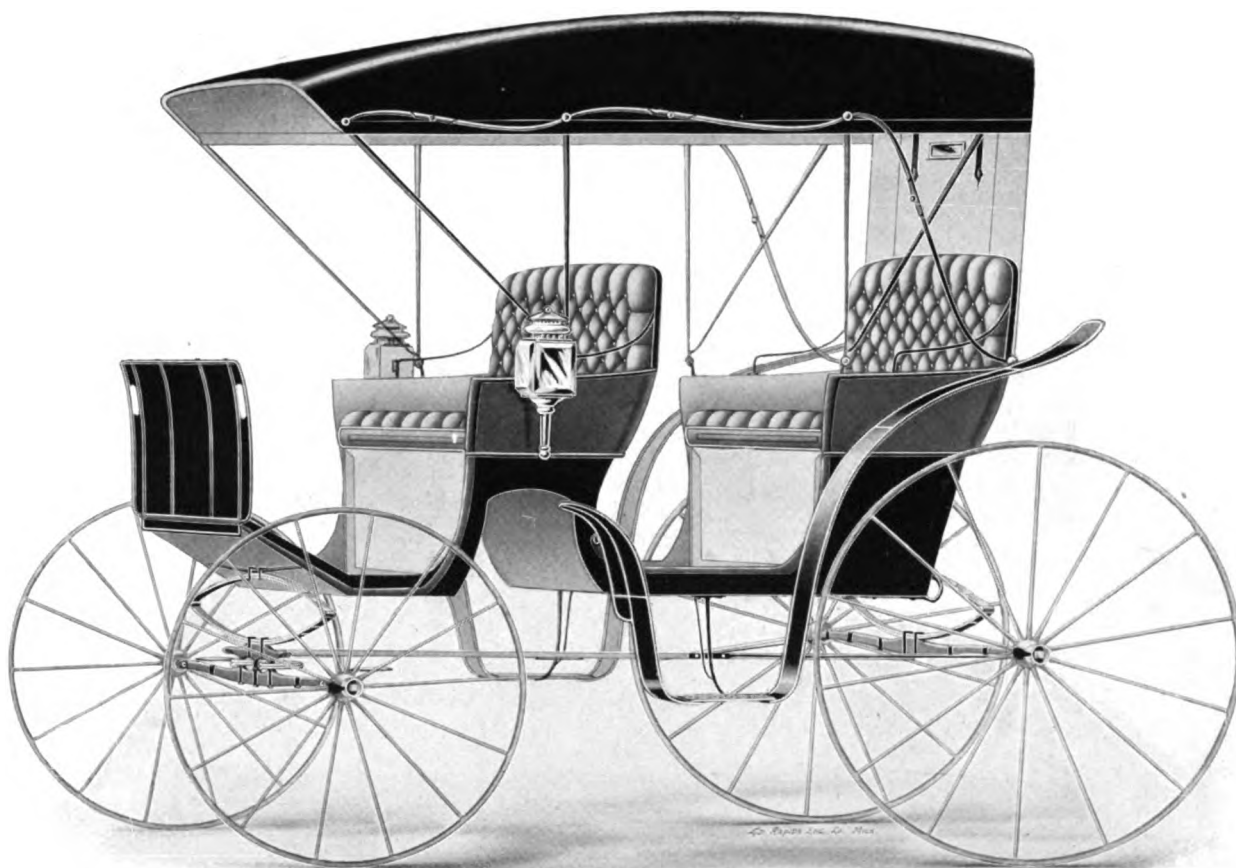
Painting—Body, black, neatly striped; seat, black; mouldings, striped in carmine; gear, Brewster green with carmine stripe or New York red with black stripe.

Trimnings—Whipcord, green or blue cloth or leather.

Top—Canopy or extension with rubber side curtains.

Miscellaneous—Heel brace shafts with standard coupling.

Track—4 feet 8 inches or 5 feet 2 inches.



Adrift—No. 214 Cut-Under Surrey, Canopy Top.
Adrian—No. 215 Cut-Under Surrey, Extension Top.

Standard Grade.

Wheels—1 inch Sarven, screwed rims.

Gear—1 1-16 inch axles, heavy centers, Concord, drop; 36 inch elliptic open head springs, wrought Bailey loop, wrought iron bar in front.

Body—Cut-under, heavy rocker plates; velvet carpet, fancy dash.

Seats—Large, with spring back and spring cushion, oil-burning lamps and double fenders.

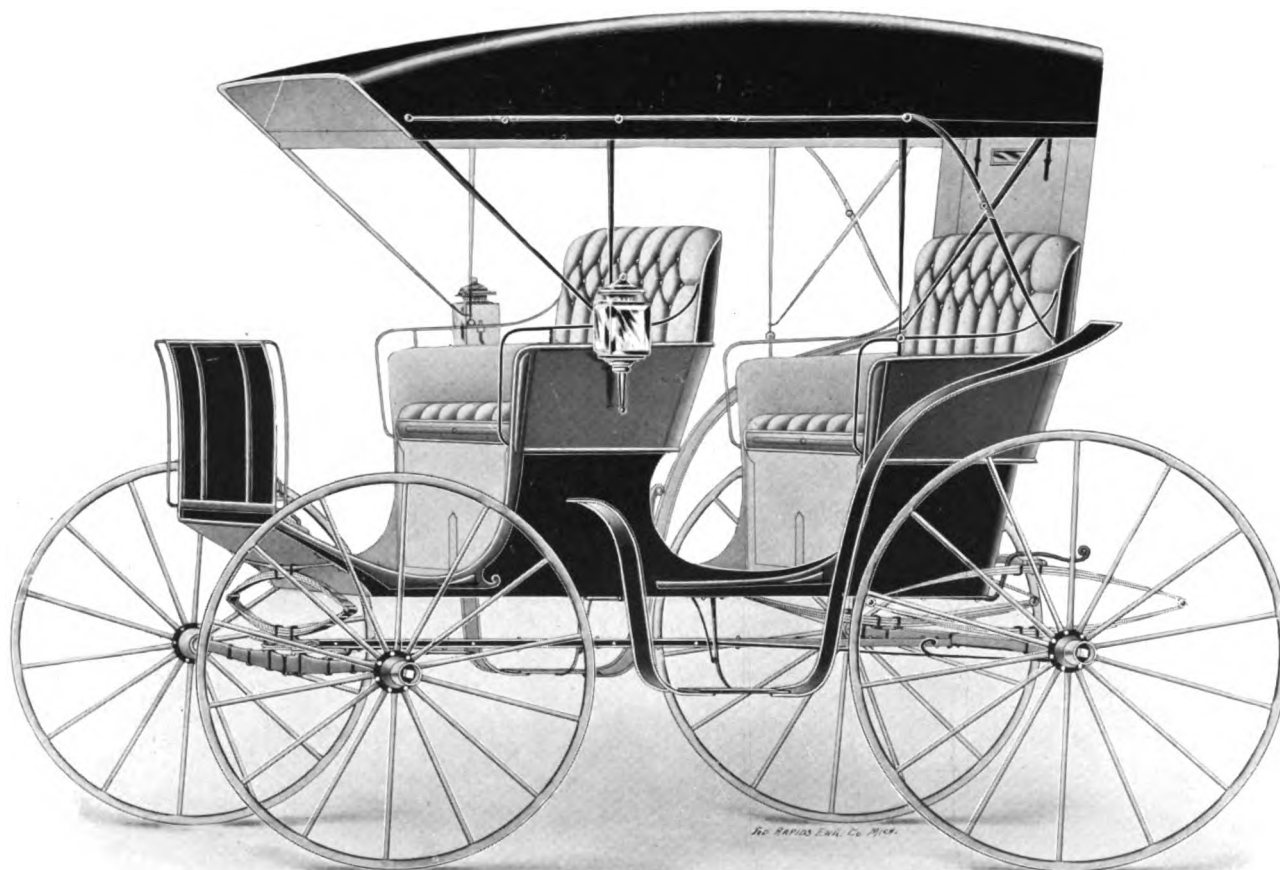
Painting—Body and seat, black; mouldings, striped in carmine; gear, Brewster green with carmine stripe.

Top—Canopy or extension with extension joints, rubber side curtains.

Trimmings—Green or blue cloth or leather.

Miscellaneous—Double brace pole with standard couplings.

Track—4 feet 8 inches or 5 feet 2 inches.



Admired—No. 232 Three Spring, Western Surrey, Extension Top.

Admirer—No. 233 Three Spring, Western Surrey, Canopy Top.

Standard Grade.

Wheels—1 1/8 inch Sarven, screwed rims, 5-16 inch tire.

Gear—1 1/8 inch self-oiling, dust-proof Concord axles, drop only; 36 inch springs, solid head, extra strong body, loops and front bar.

Body—Heavy sill with extra heavy rocker plates, green velvet carpet; large dash with brace.

Seats—Extra large, fitted with special arm rails, spring back and spring cushion, double fenders and oil-burning lamps.

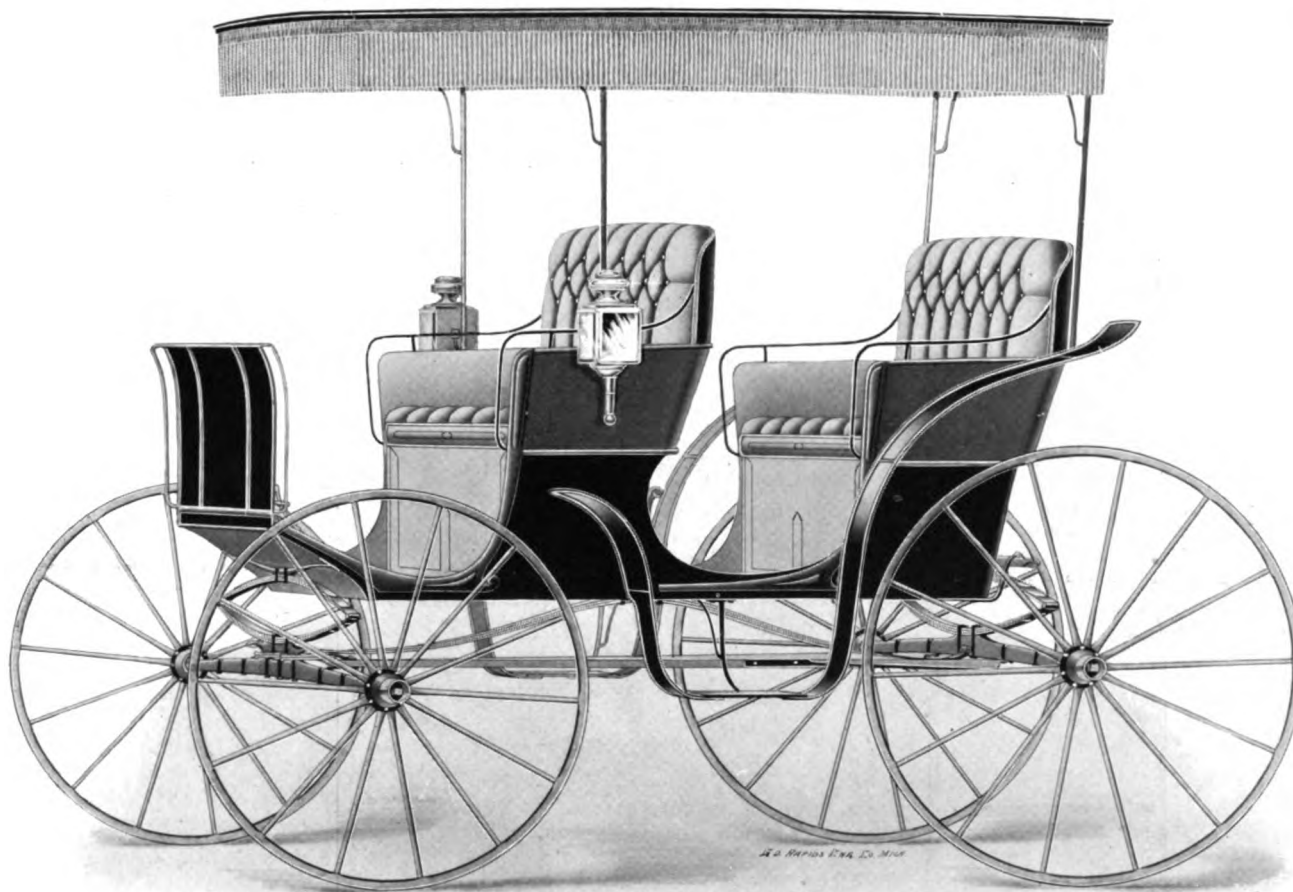
Painting—Body, black; mouldings, striped in carmine; gear, Brewster green.

Top—Leather quarter extension with extension joints, or canopy with rubber side curtains.

Trimming—Waterloo heavy cloth, green or blue, or leather.

Miscellaneous—Double brace pole with standard coupling.

Track—4 feet 8 inches or 5 feet 2 inches.



Adventist—No. 230 Heavy Surrey, Canopy Top.
Adventurer—No. 231 Heavy Surrey, Extension Top.

Standard Grade.

Wheels—1½ inch Sarven, screwed rims, 5-16 inch tire.

Gear—1½ inch self-oiling, dust-proof Concord axles, drop or arched; 36 inch open head springs, full longitudinal spring.

Body—Heavy sill with extra heavy rocker plates, green velvet carpet, large dash with braces.

Seats—Extra large, fitted with special arm rails, spring back and spring cushion, double fenders and oil-burning lamps.

Painting—Body, black; mouldings, striped in carmine; gear, Brewster green.

Top—Leather quarter extension with extension joints, or canopy with rubber side curtains.

Trimming—Waterloo heavy cloth, green or blue, or leather.

Miscellaneous—Double brace pole with standard coupling.

Track—4 feet 8 inches or 5 feet 2 inches.



Exalt—No. 240 Leader Surrey, Extension Top.

Oakland Grade.

Wheels—1 or 1½ inch Sarven, screwed rims.

Gear—1 1-16 inch self-oiling, dust-proof axles, drop or arched; solid head springs, wrought iron bar in front, wrought Bailey loop rear; double reaches plated full length.

Body—Heavy sills, full length steel rocker plates, with large dash and fancy carpet.

Seats—Special, with arm rails, spring back, spring cushion, oil-burning lamps and double fenders.

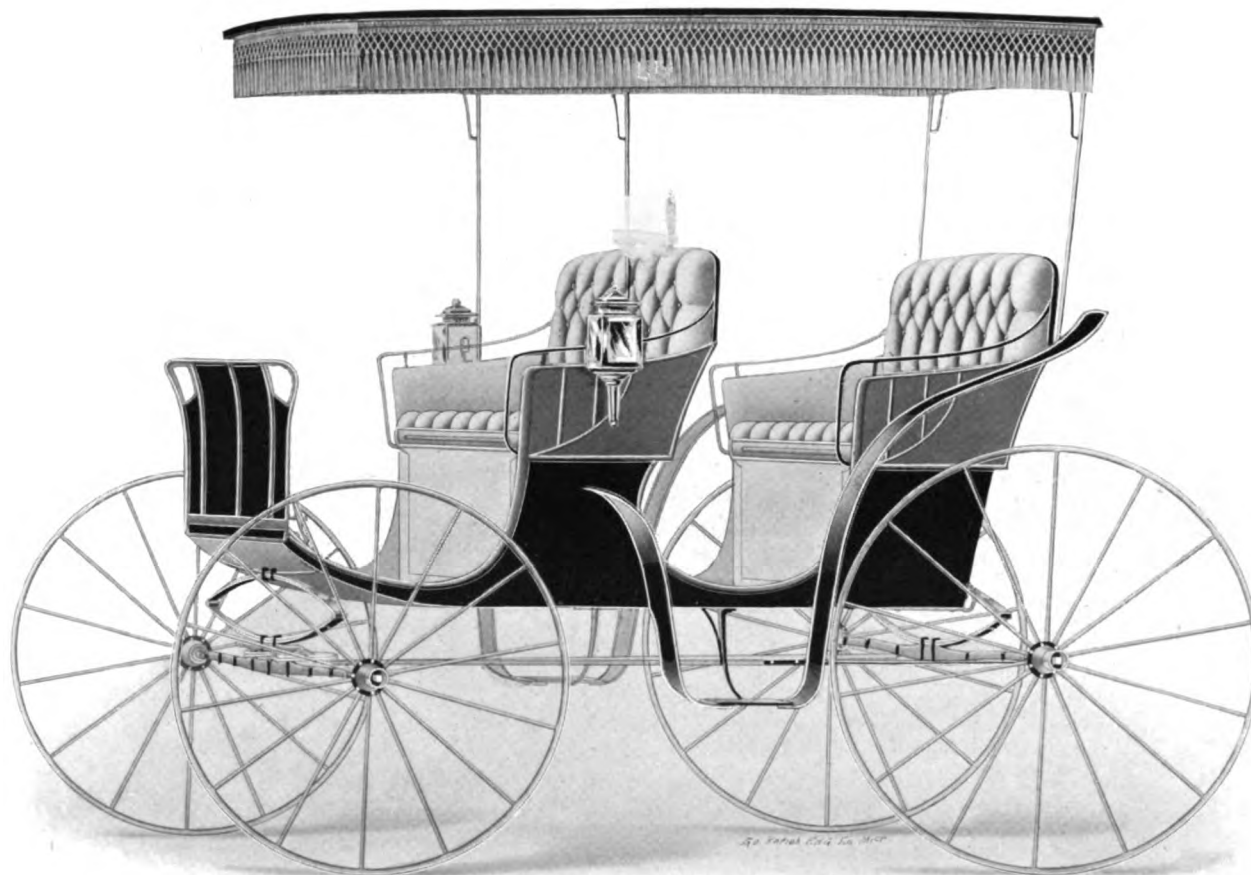
Painting—Body, plain, with mouldings striped in carmine; gear, Brewster green with carmine stripe.

Top—Extension with rubber curtains.

Miscellaneous—Pontiac quick shifting coupling, heel brace shafts or single brace pole.

Trimming—Green cloth or leather.

Track—4 feet 8 inches or 5 feet 2 inches.



Exaltation—No. 241 Leader Surrey, Canopy Top.

Oakland Grade.

Wheels—1 or 1½ inch Sarven, screwed rims.

Gear—1 1-16 inch self-oiling, dust-proof axles, drop or arched; solid head springs, wrought iron bar in front, wrought Bailey loop rear; double reaches, plated full length.

Body—Heavy sills, full length steel rocker plates, with large dash and fancy carpet.

Seat—Special, with arm rails, spring back and spring cushion, oil-burning lamps and double fenders.

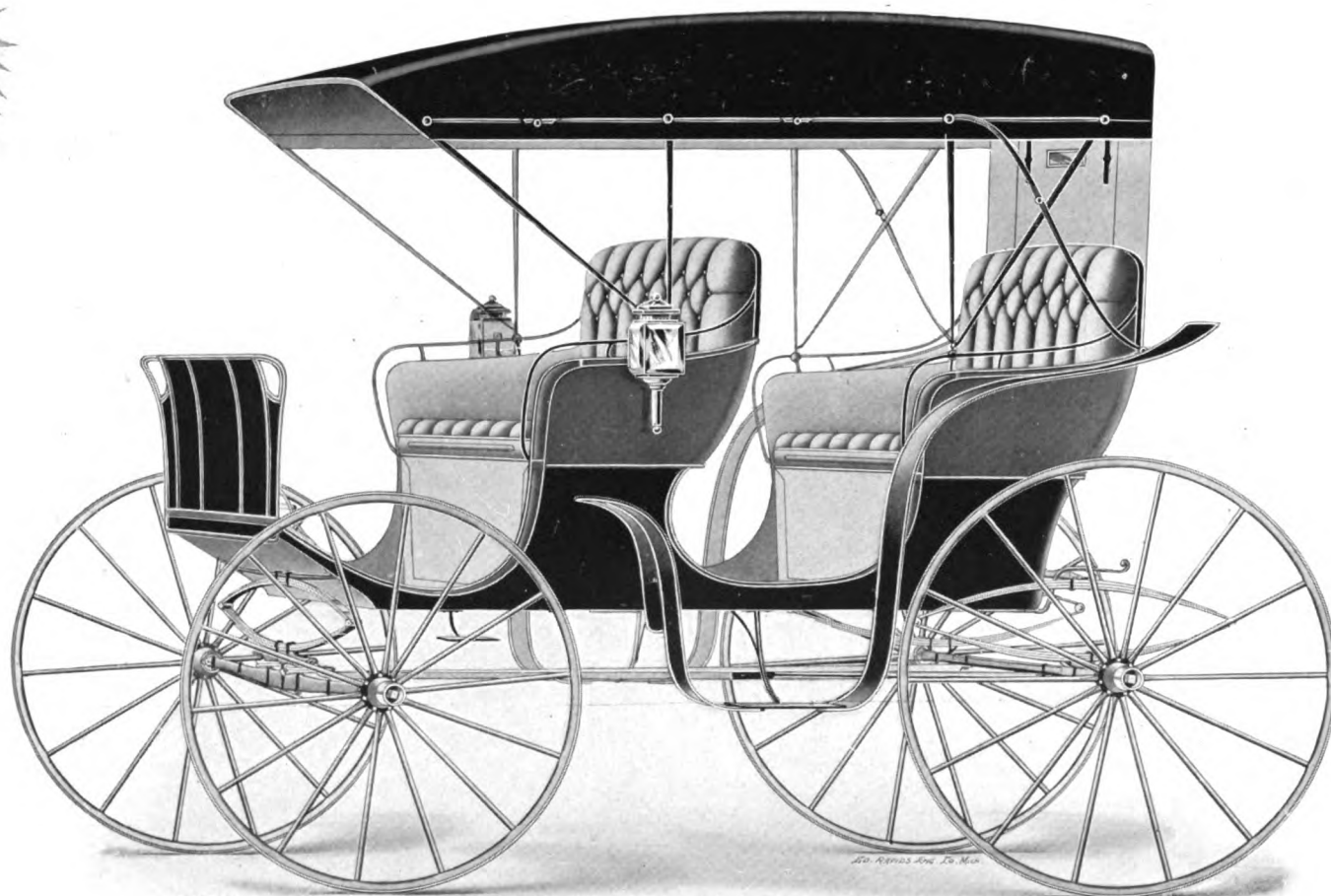
Painting—Body, plain, with mouldings striped in carmine; gear, Brewster green with carmine stripe.

Trimming—Green cloth or leather.

Top—Canopy.

Miscellaneous—Pontiac quick shifting coupling, heel brace shafts or single brace pole.

Track—4 feet 8 inches or 5 feet 2 inches.



Western—185 Jumbo Surrey, Extension Top.
Ado—186 Jumbo Surrey, Canopy Top.

Standard Grade.

Wheels—Sarven patent, $1\frac{1}{4}$ inch tread, screwed rims, 5-16 inch tire.

Gear— $1\frac{1}{4}$ inch self-oiling, dust-proof Concord axles, drop only; three springs with solid head, iron bar front and special loop in the rear.

Body—Heavy sills with heavy plates full length, 30 inches wide, large dash with brace and fancy carpet.

Seats—38 inch cushion, 22 inch back, extra strong arm rails, oil-burning lamps and double fenders, spring cushion and spring back.

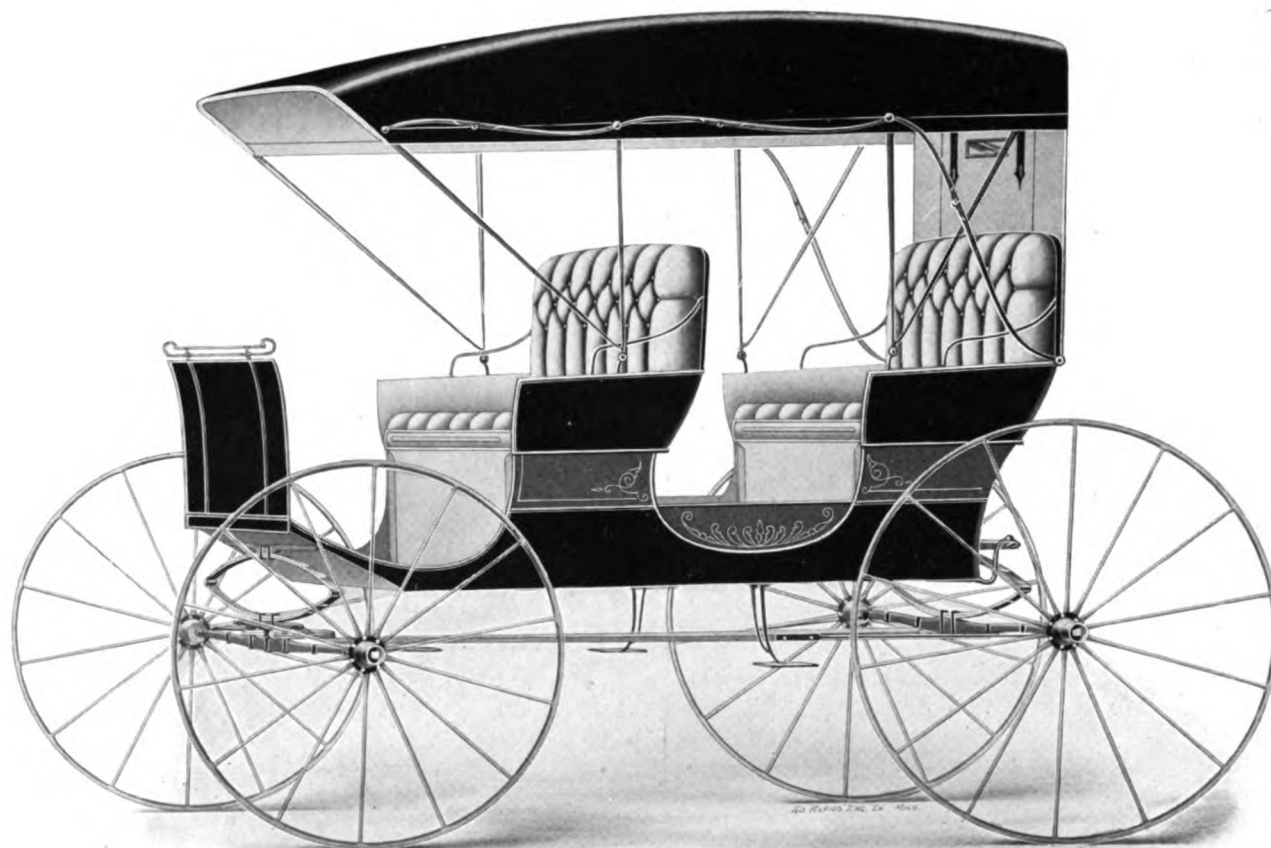
Painting—Body and seat, black; mouldings striped with carmine; gear, Brewster green, carmine striped.

Top—Leather quarter extension with extension joints, or canopy, rubber side curtains.

Trimming—Green leather, plain buttons and bindings.

Miscellaneous—Special heavy double brace pole, Pontiac shifters.

Track—4 feet 8 inches or 5 feet 2 inches.



Adorning—No. 219 Farmer's Surrey, Extension Top.
Adorn—No. 220 Farmer's Surrey, Canopy Top.

Oakland Grade.

Wheels—1 or 1½ Sarven, screwed rims.

Gear—1 1-16 inch self-oiling, dust-proof Concord axles; solid head elliptic springs.

Body—Straight sill with heavy rocker plates

Seats—Special seat with arm rails, spring back and spring cushion.

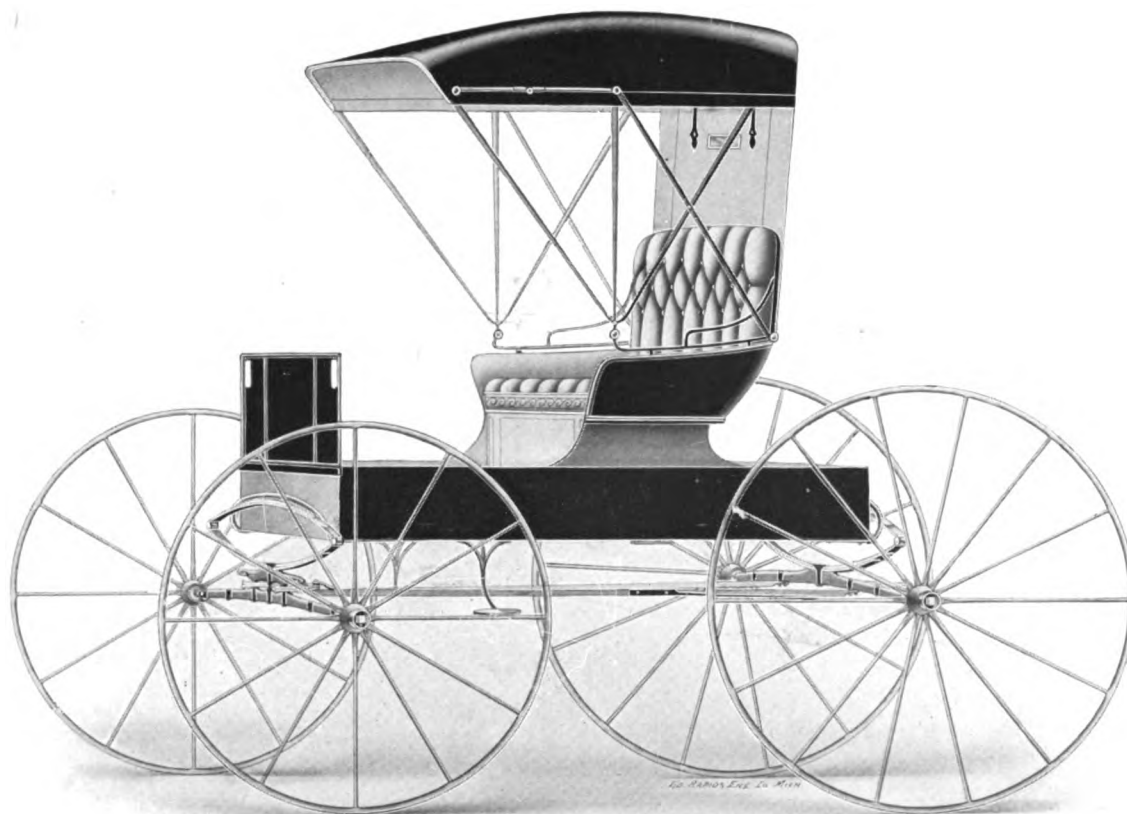
Painting—Body and seat, black, neatly striped; gear, Brewster green, carmine striping.

Top—Canopy or extension with rubber side curtains.

Trimming—Green cloth or leather with imitation fall and seat ends, plain buttons and bindings.

Miscellaneous—Oakland shafts; Pontiac quick shifter, fancy carpet.

Track—4 feet 8 inches or 5 feet 2 inches.



Pantony—No. 26 Best Buggy, Panel Back.
Pantry—No. 27 Best Buggy, Drop Back.

A Grade.

Wheels— $7\frac{1}{2}$ or $\frac{1}{4}$ inch Foley band.

Gear—15-16 inch self-oiling, dust-proof Concord axles, arched or drop; wrought fifth wheel, open head springs, wrought loops.

Body—21 or 23 inches by 55 inches, hardwood bottom, 13 inch padded dash, velvet carpet, leather boot, rubber padded step, roller wear irons.

Seat—Panel on No. 26, dropback on No. 27, spring back and spring cushion, four seat rods.

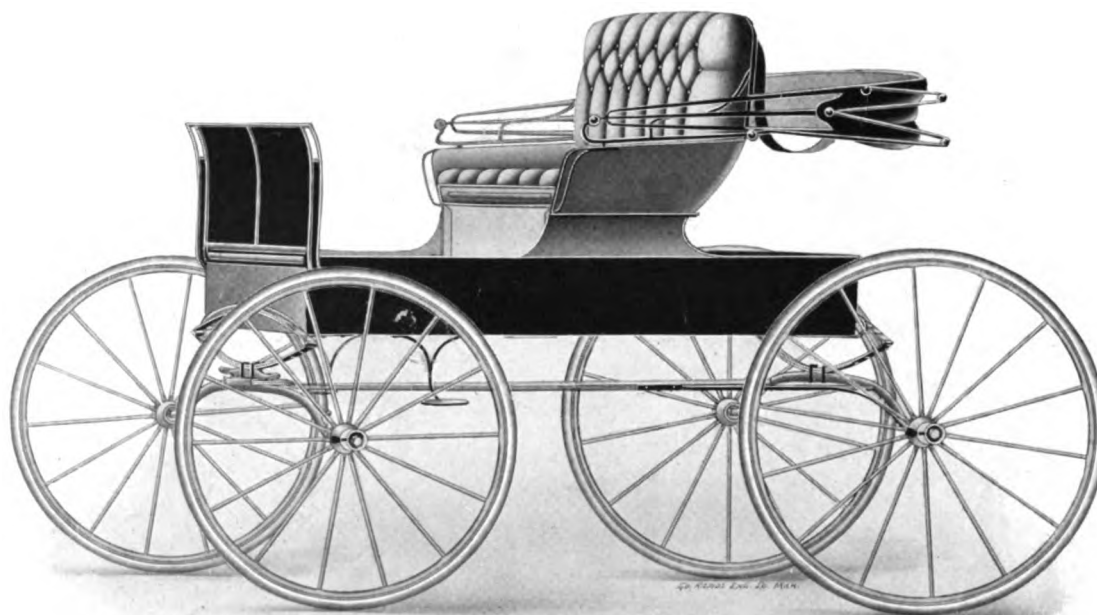
Painting—Body and seat, plain black; gear, Brewster green with carmine stripe or carmine with black stripe.

Top—Three bow, full leather, rubber curtains, leather covered sockets or three bow 28 ounce rubber with steel sockets, leather prop nuts; rubber storm apron.

Trimming—16 ounce Waterloo wool dyed green cloth or green M. B. leather.

Shafts—Special heel braces with Mulholland shaft coupling, 36 inch shaft leathers, stitched straps.

Track—4 feet 4 inches, 4 feet 8 inches or 5 feet 2 inches.



Eve—No. 28 Bike Buggy, with $\frac{7}{8}$ inch Rubber Tire.
Even—No. 29 Bike Buggy, with $1\frac{1}{4}$ inch Cushion Tire.

Standard Grade.

Wheels—38-40 over all, $1\frac{1}{4}$ inch cushion or $\frac{7}{8}$ inch rubber tire.

Gear—Self-oiling, dust-proof axles, high arch, wood caps in center, wrought gear irons; open head springs and wrought Bailey loop.

Body—21 or 23 inches by 55 inches, velvet carpet, padded wing dash, rubber padded step.

Seat—Panel with spring back and spring cushion, four seat rods.

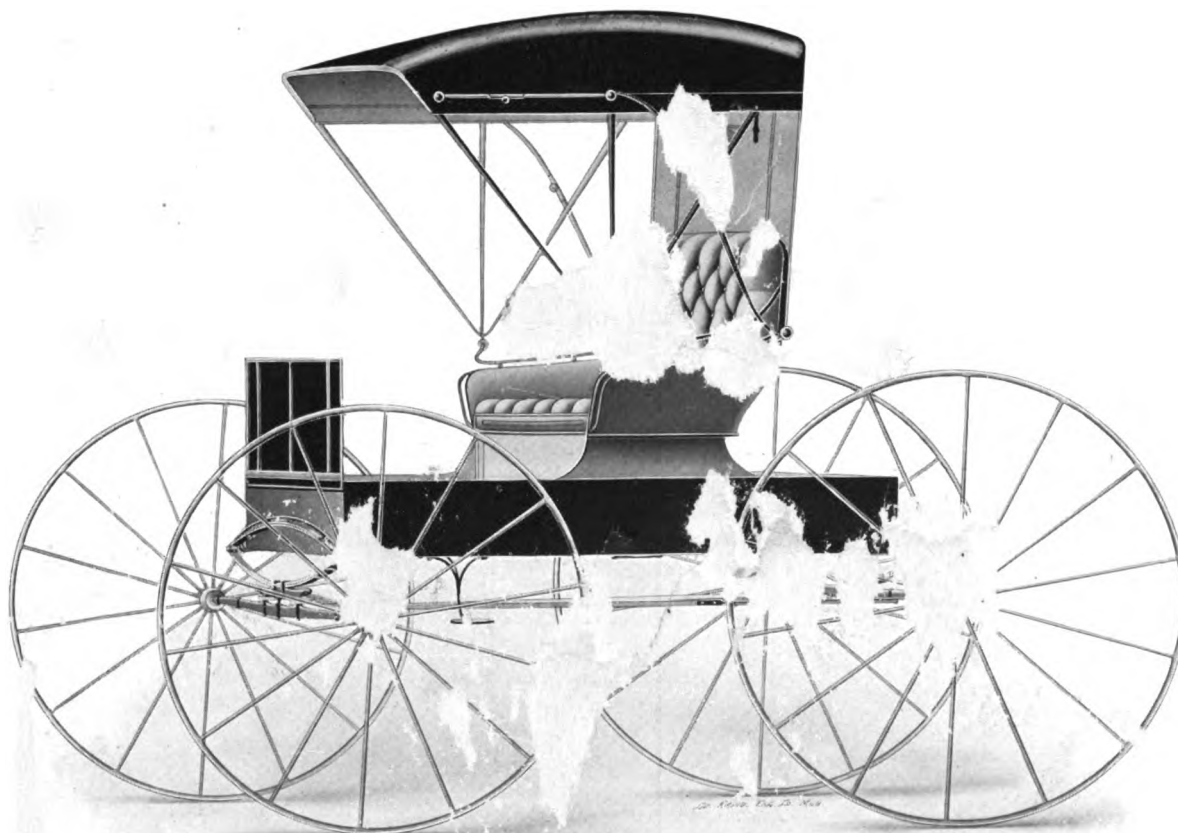
Top—Three or four bow, rubber, leather quarter or full leather with steel sockets, black prop nuts, storm apron.

Painting—Body and seat, black; gear, New York red or Brewster green.

Trimming—Whipcord, green or blue cloth or green leather.

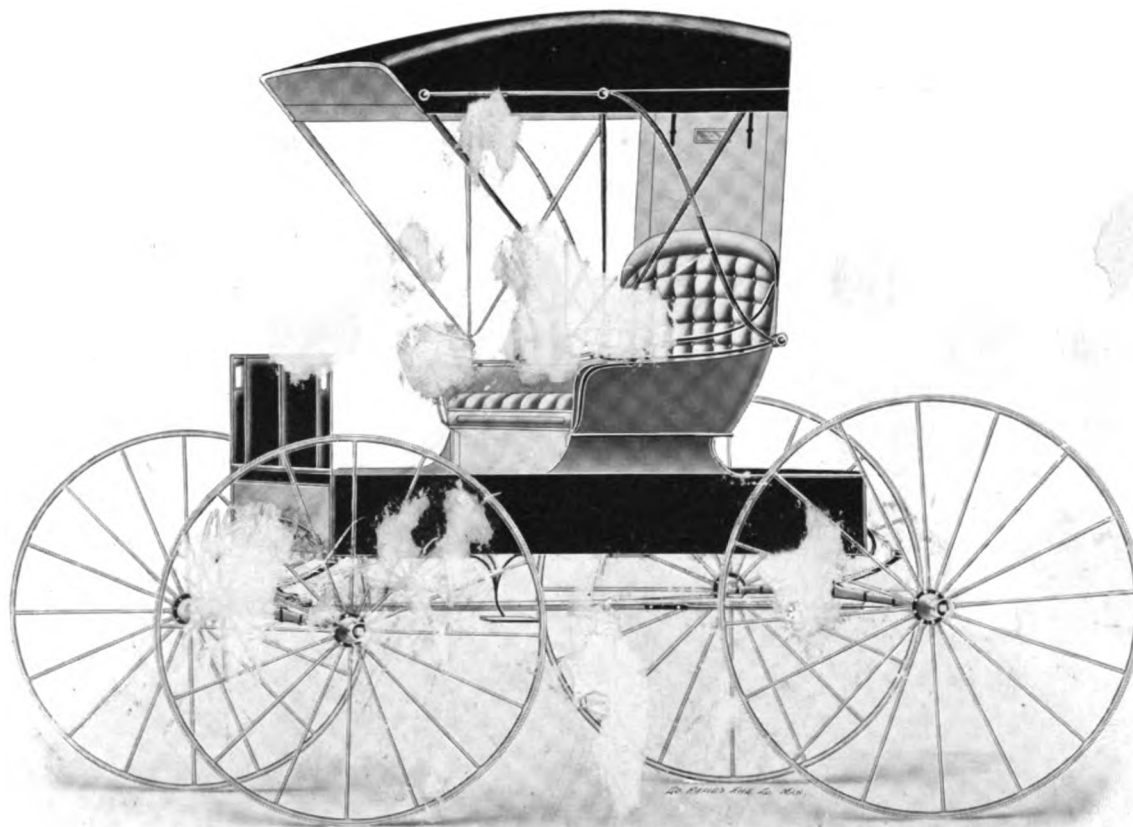
Shafts—Heel brace with Mulholland coupling, 24 inch shaft leathers, full trimmed, stitched straps.

Track—4 feet 4 inches or 4 feet 8 inches.



Standard Grade.

Track—4 feet 8 inches or 5 feet 2 inches.



Drop—No. 333 Special Drop Back Buggy.

Standard Grade.

Wheels— $\frac{3}{4}$ or $\frac{7}{8}$ inch Sarven or Warner, screwed rims.

Gear—15-16 inch self-oiling, dust-proof Concord axles, arched or drop; open head springs, wrought Bailey loops.

Body—10, 21 or 24 inches wide, 55 inches long, with steel corners, 13 inch padded dash, rubber boot, full length rubber mat, velvet toe carpet, three prong rubber padded step, roller wear irons.

Seat—Special panel with drop back, spring cushion, 4 seat rods.

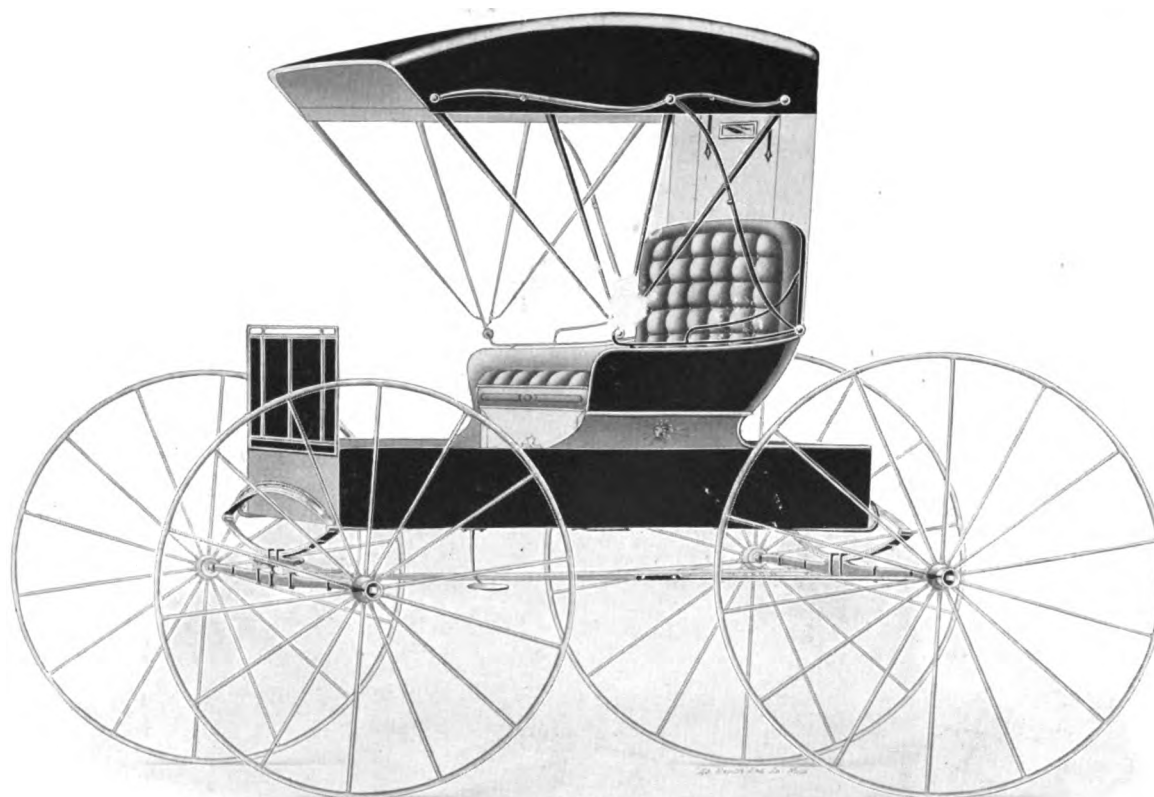
Finishing—Body and seat, black; gear, Brewster green with carmine stripe or New York red with black stripe.

Top—Three or four bow, rubber, leather quarter or full leather, steel sockets, raised front valance, Higgins' curtain fastener, concealed curtain light, black prop nuts, storm apron.

Trimming—Waterloo all wool cloth or M. B. green leather.

Shafts—Heel brace with standard coupling, 24 inch shaft leathers, full trimmed.

Track—4 feet 8 inches or 5 feet 2 inches.



Aha—No. 33 Standard Buggy.

Adorer—No. 25 Armstrong Spring, Three-Quarter Buggy.

Standard Grade.

Wheels— $\frac{3}{4}$, $\frac{7}{8}$ or 1 inch tread, Sarven or Warner, screwed rims.

Gear—15-16 inch self-oiling, dust-proof Concord axles, arched or drop; open head springs on No. 33, Armstrong single leaf on No. 25, wrought Bailey loop.

Body—19, 21 or 24 inches by 55 inches, three prong step, rubber boot, full length velvet carpet and toe carpet, 13 inch padded dash or plain with riveted rail.

Seat—Panel, with spring back and spring cushion, 4 seat rods.

Painting—Body and seat, black, or neatly striped; gear, Brewster green with glazed carmine stripe or New York red with black stripe.

Top—Four bow with extension joint or three bow without extension joint, black prop nuts, rubber, leather quarter or full leather, rubber curtains, Higgins' curtain fastener and raised front valance, storm apron.

Trimming—Green leather or Waterloo green cloth with dark buttons and bindings to match, back with roll or pipe and diamond.

Shafts—Heel brace, standard coupling, 24 inch shaft leathers, full trimmed.

Track—4 feet 8 inches or 5 feet 2 inches.

No. 25 same as No. 33 except Armstrong spring, 19 inch body and three bow top only.



Seller—No. 34 Brown Beauty Buggy.
Solid—No. 36 Mahogany Body Buggy.

Standard Grade.

Wheels— $\frac{3}{4}$, $\frac{1}{2}$ or 1 inch Sarven or Warner, screwed rims.
Gear—15-16 inch self-oiling, dust-proof Concord axles, drop or arched; open head springs, wrought Bailey loops.
Body—10, 21 or 24 inches by 55 inches with sheet steel corners, three prong steps, rubber boot, rubber mat, velvet toe carpet, 13 inch padded dash without rail or plain dash with riveted rail.
Seat—Panel with spring back and spring cushion, 4 seat rods.
Painting—Body and seat, black, or body neatly striped; gear, Brewster green with carmine stripe maroon or New York red with dark stripe.

Top—Three or four bow, full rubber, leather quarter or full leather, with rubber side curtains, Higgins' curtain fastener, concealed curtain light, extension joints on four bow, copper prop nuts, storm apron.
Trimming—Brown and green leather or brown cloth with maroon leather roll.
Shafts—Heel brace with standard coupling. 24 inch shaft leathers full trimmed.
Track—4 feet 8 inches or 5 feet 2 inches.
 No. 36 same as No. 34 except mahogany finish on body. Tan leather and whipcord head lining.



Evoke—No. 42 End Spring Corning Buggy.

Standard Grade.

Wheels— $\frac{7}{8}$, $\frac{3}{4}$ or 1 inch Sarven or Warner, screwed rims.

Gear—15-16 inch self-oiling, dust-proof Concord axles, arched or drop, open head springs, Bailey loop.

Body—24 x 55 inches, Corning, three prong rubber padded step, roller wear irons, rubber boot, curved dash.

Seat—Special O. G. solid panel back, spring cushion and spring back, 4 seat rods.

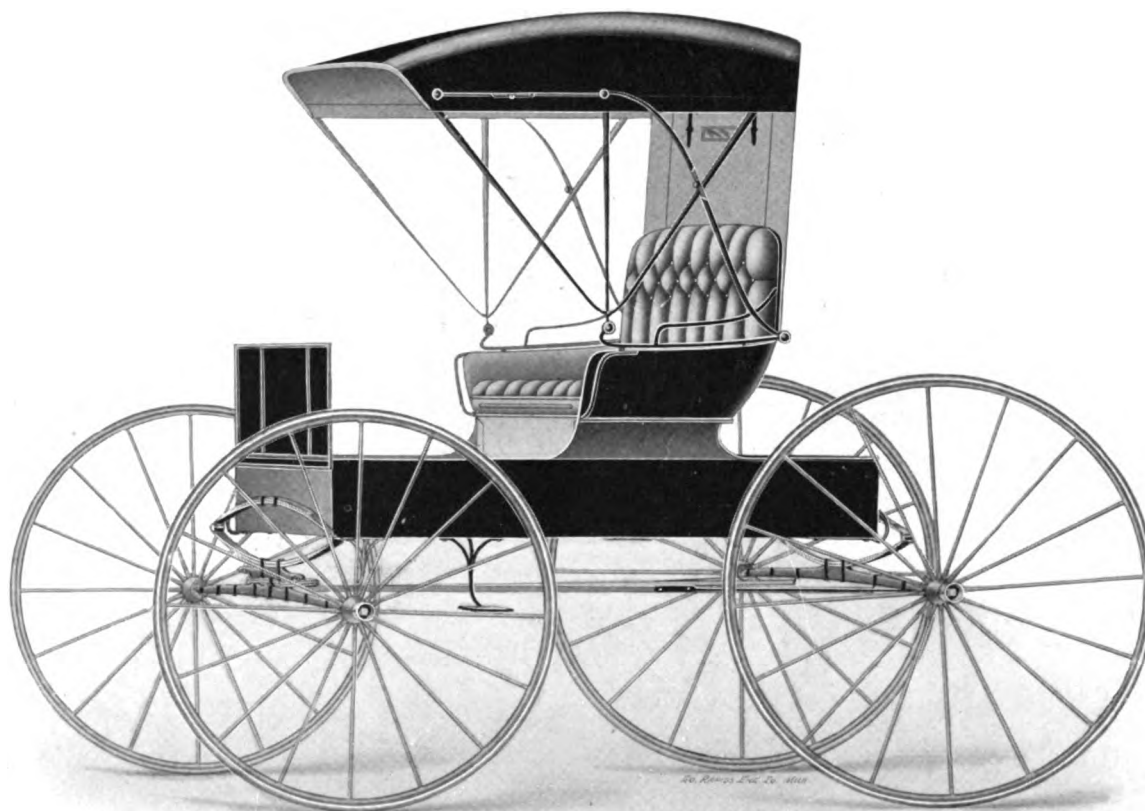
Painting—Gear, green, maroon or New York red, with fine line striping; body and seat, black.

Top—Three bow, rubber or leather quarter, with raised front valance, Higgins' curtain fastener, black prop nuts, storm apron.

Trimming—Green cloth, or leather with bindings and buttons to match.

Shafts—Special heel brace with standard coupling, 24 inch shaft leathers, full trimmed.

Track 4 feet 8 inches or 5 feet 2 inches.



Exhort—No. 39 Eastern Buggy.

Oakland Grade.

Wheels— $\frac{1}{4}$, $\frac{3}{8}$ or 1 inch Sarven, screwed rims.

Gear—15-16 inch self-oiling, dust-proof Concord axles, arched or drop; solid head 36 inch springs, wrought loops.

Body—19, 21, 24 x 55 inches, steel corners, rubber boot, 12 inch plain dash, with green carpet and toe carpet, three prong step.

Seat—Panel, spring back and spring cushion, 4 seat rods.

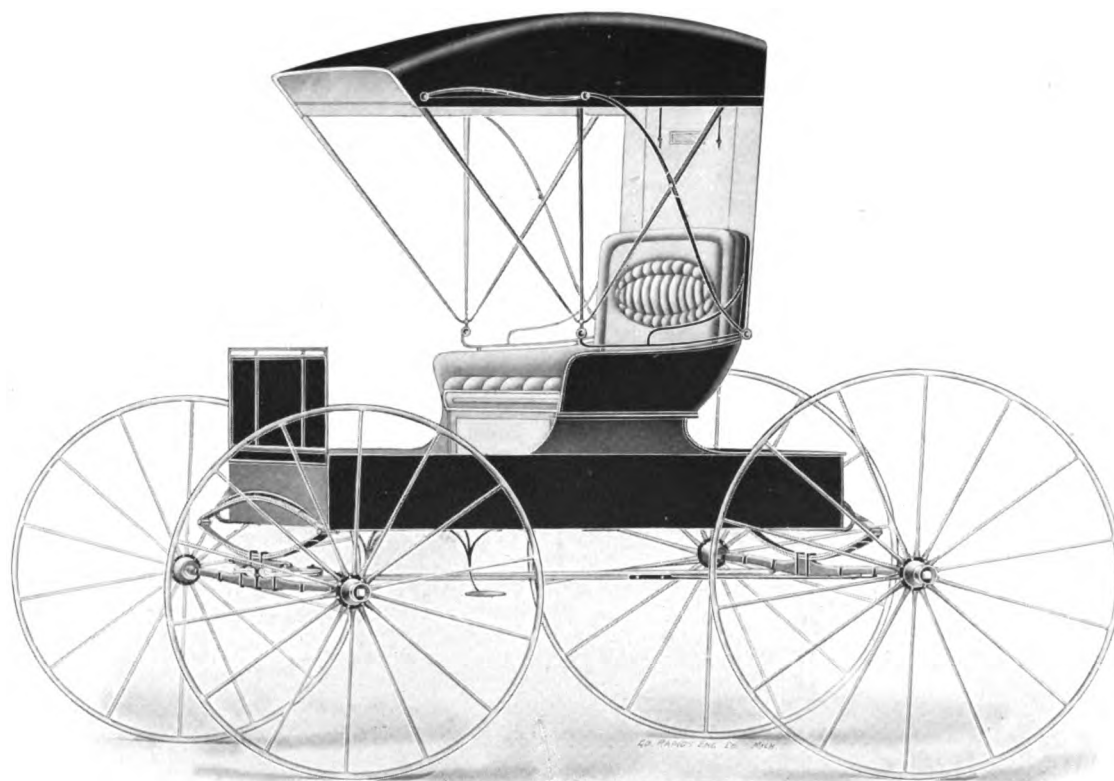
Painting—Body and seat, plain black; gear, Brewster green with glazed carmine stripe or New York red with black stripe.

Trimming—Blue cloth or green leather, buttons and bindings to match.

Top—Three or four bow, rubber or leather quarter, with concealed curtain light, Higgs' curtain fastener, black prop nuts, storm apron.

Shafts—Heel brace with Pontiac quick shifting coupling, 24 inch shaft leathers, full trimmed.

Track—4 feet 8 inches or 5 feet 2 inches.



Evacuate—No. 35 Challenge Buggy.

Oakland Grade

Wheels— $\frac{1}{4}$, $\frac{3}{8}$ or 1 inch tread, Sarven patent, screwed rims.

Gear 15-16 inch self-oiling, dust-proof Concord axles, arched or drop; 36 inch open head springs with wrought Bailey loops.

Body—19, 21 or 24 x 55 inches, with steel corners, rubber boot, fancy carpet, toe and side carpet, 13 inch dash with riveted rail and three prong step.

Seat—Panel, with spring cushion and spring back, 4 seat rods.

Painting—Body, plain black or neatly striped; gear, Brewster green, glazed carmine stripe, or New York red with black stripe.

Trimming—Green cloth, brown or green leather.

Top—Three or four bow, rubber or leather quarter with rubber side curtains; concealed curtain light, Higgins' curtain fastener, storm apron.

Shafts—Heel brace, Pontiac steel quick shifter, 24 inch leathers, full trimmed.

Track—4 feet 8 inches or 5 feet 2 inches.



Exit—No. 37 Scroll Spring Bar Buggy.

Oakland Grade.

Wheels— $\frac{1}{4}$, $\frac{3}{8}$ or 1 inch Sarven patent, screwed rims.

Gear—15-16 inch self-oiling, dust-proof Concord axles, drop or arched; 36 inch solid head spring, auxilliary and full longitudinal spring.

Body—21, 24 x 55 inches, with steel corners, fancy carpet toe and side panel carpet, 13 inch dash with riveted rail, rubber boot, three prong step.

Seat—Panel, with spring back and spring cushion, 4 seat rods, trimmed as shown in cut or without roll and stuff-over back.

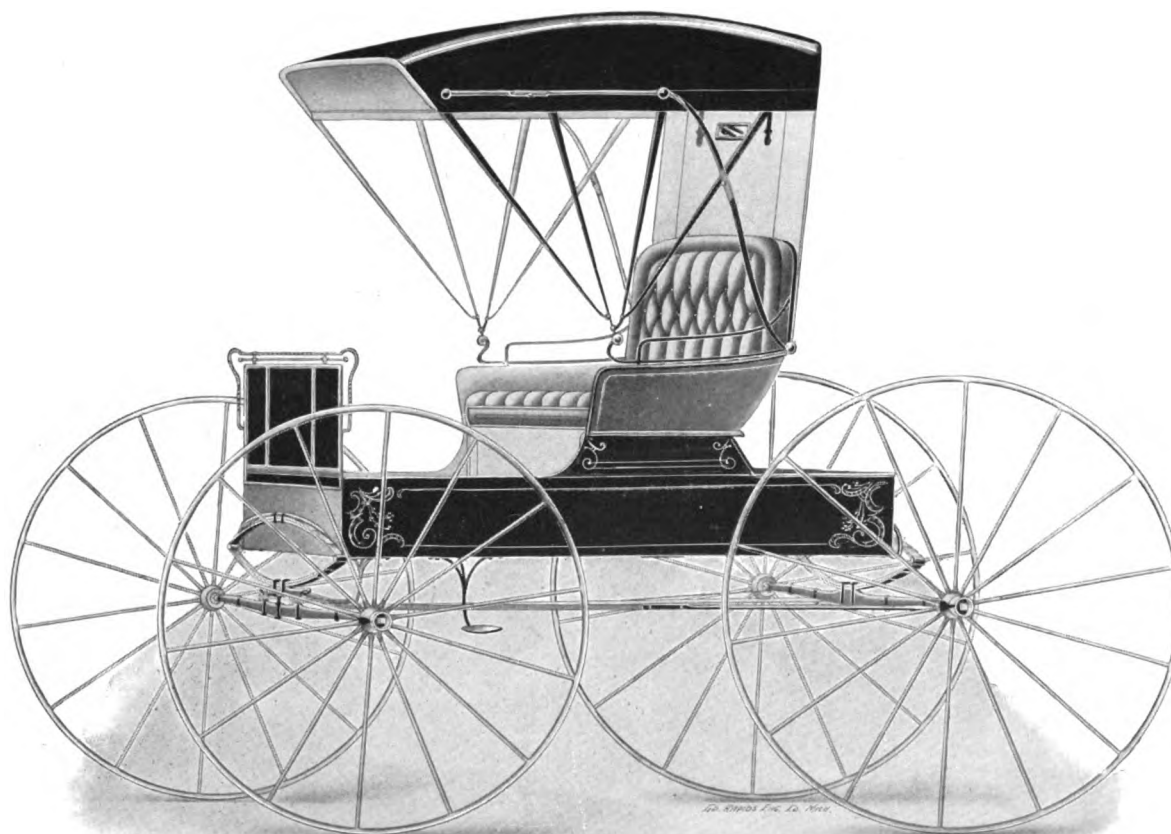
Painting—Body, black or neatly striped; gear, Brewster green with glazed carmine stripe, or New York red with black stripe.

Top—Three or four bow, rubber or leather quarter with rubber side curtains, Higgins' curtain fastener, concealed curtain light, black prop nuts, storm apron.

Trimming—Green cloth, whipcord or green leather.

Shafts—Special heel brace with Pontiac steel quick shifter and 24 inch leathers, full trimmed.

Track—4 feet 8 inches or 5 feet 2 inches.



Allis—No. 12½ Oakland Buggy.

Expanse—No. 125 Oakland Buggy, with Scroll Spring Bar.

Oakland Grade.

Wheels— $\frac{1}{2}$, $\frac{3}{4}$ or 1 inch Sarven, plain rim.

Gear—15-16 inch long distance axles, drop or arched; 35 inch solid head springs, wrought Bailey loop.

Body—19, 21 or 24 x 55 inches, steel corners, fancy carpet, side and toe carpet, rubber boot, 12 inch dash with double line rail.

Seat—Panel, with spring back and spring cushion, back trimmed as shown in cut or without roll, 4 seat rods.

Painting—Body and seat, plain black or neatly striped; gear, Brewster green or New York red with fine line striping.

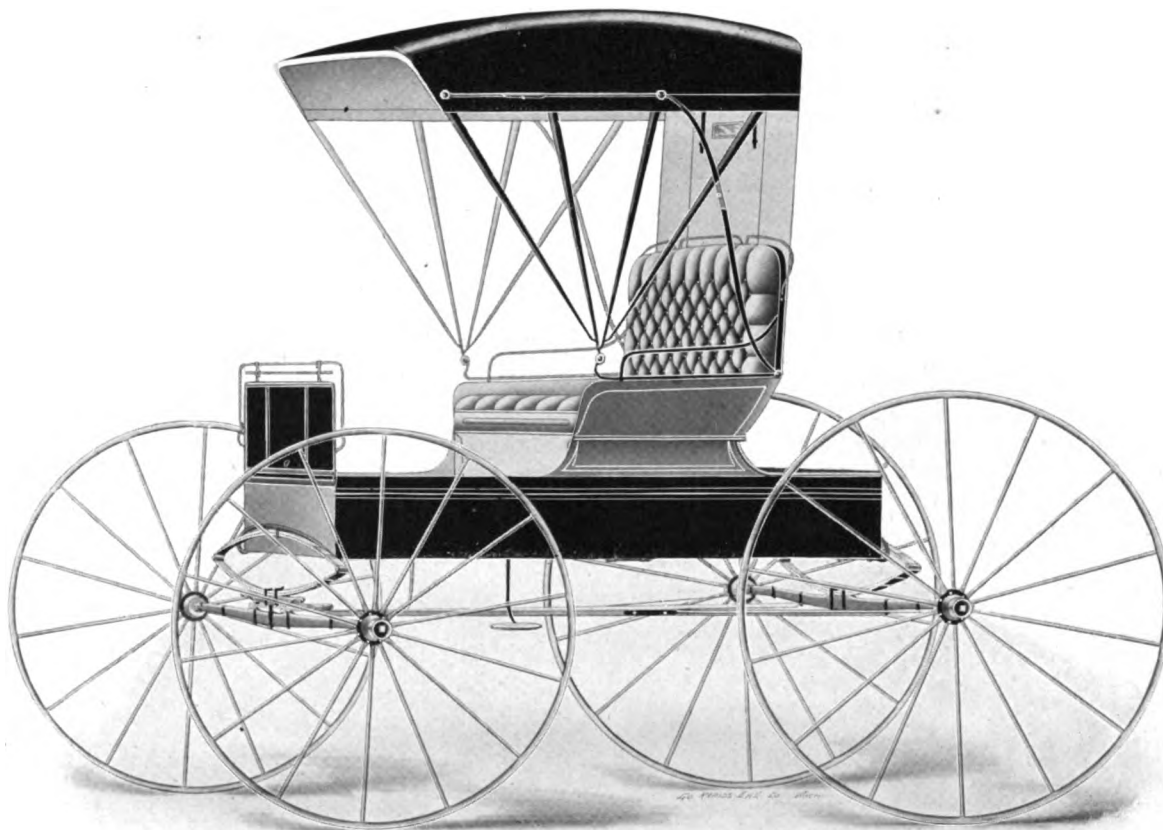
Trimming—Green cloth or leather.

Top—Three or four bow, full rubber or leather quarter, rubber curtains, stitched front valance, Higgins' curtain fastener, black prop nuts, storm apron.

Shafts—Common, with Pontiac quick shifting coupling, 17 inch shaft leathers, full trimmed.

Track—4 feet 8 inches or 5 feet 2 inches.

No. 125 same as No. 12½ but with scroll spring bar and longitudinal spring.



Aloe—No. 2 Leader Buggy, with Wood Bar.
Jud—No. 3 Leader Buggy, with Bailey Loop.

Oakland Grade.

Wheels— $\frac{3}{4}$, $\frac{7}{8}$ or 1 inch Sarven patent, plain rim.

Gear—15-16 inch axles common double collar, with wood bar or wrought Bailey loop; 35 inch solid head spring.

Body—19, 21 or 24 x 55 inches; metal corner, 11 inch dash with double line rail, rubber boot, fancy carpet and toe carpet.

Seat—Panel, with spring back and spring cushion, 4 seat rods.

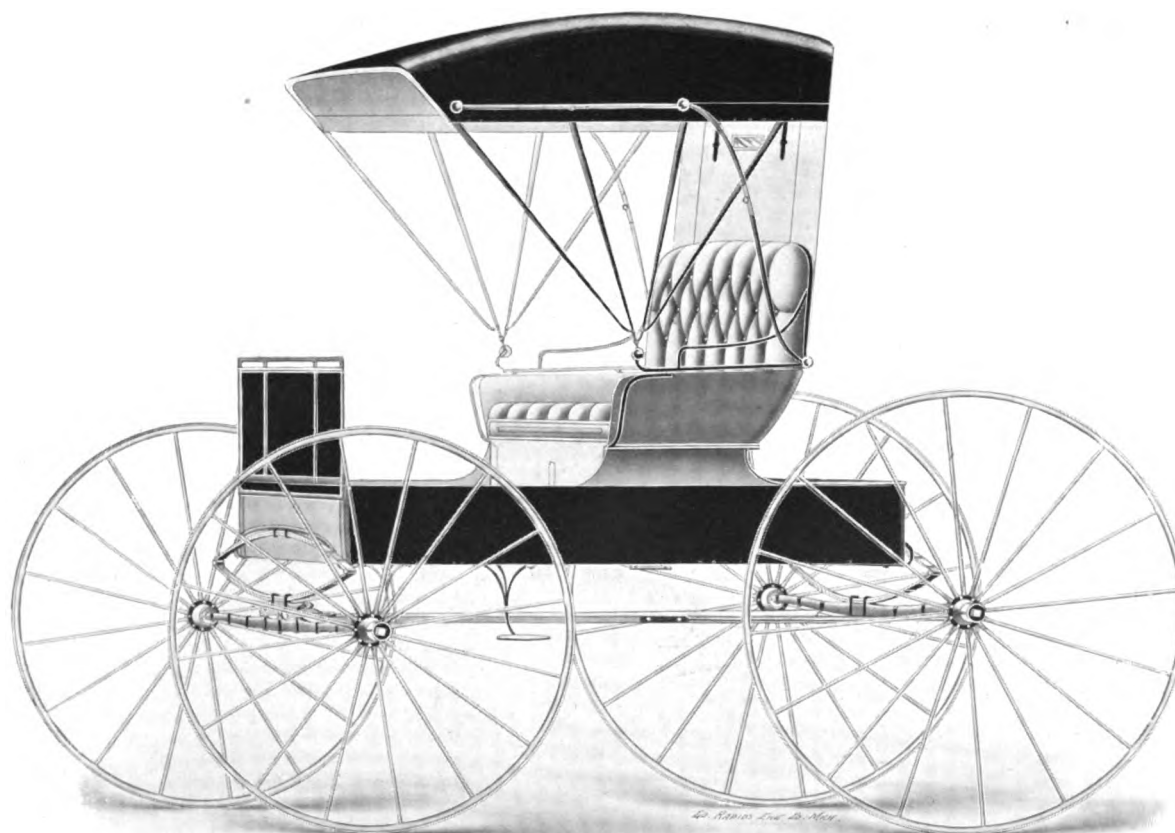
Painting—Body, black, neatly striped; gear, Brewster green or New York red with fine line striping.

Top—Full rubber or leather quarter, three or four bow, black prop nuts.

Trimming—Green cloth, whipcord or green leather.

Shafts—Common, without quick shifters, and 17 inch shaft leathers, full trimmed.

Track—4 feet 8 inches or 5 feet 2 inches.



Expand—No. 51 Wide Seat Heavy German Buggy.

Oakland Grade.

Wheels—1 inch Sarven patent, screwed rims.

Gear—1 inch self-foiling, dust-proof Concord axles, drop or arched; 36 inch solid head spring, wrought Bailey loop.

Body—25 x 55 inches, with full length carpet and toe carpet, rubber boot, 13 inch dash with solid rail, three prong step, steel corners.

Seat—Extra large, 32 inch spring cushion, spring back, 4 seat rods.

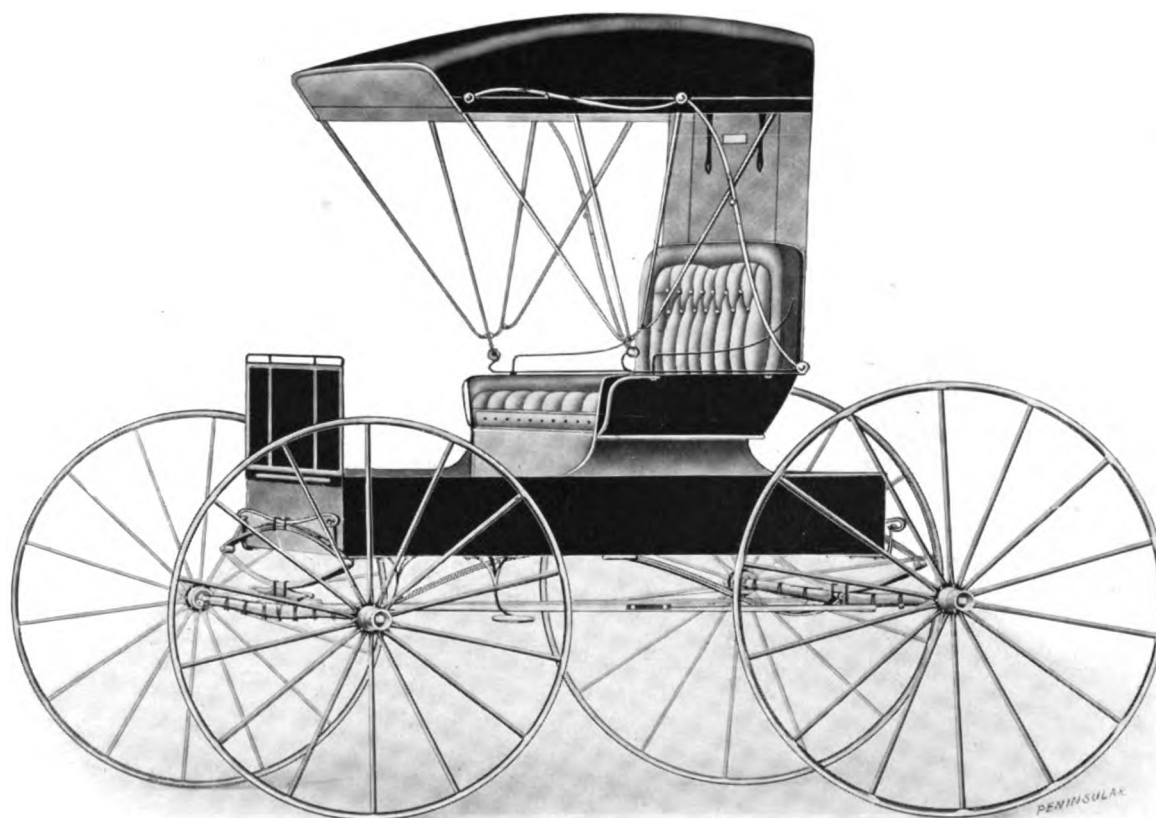
Painting—Body, plain black; gear, Brewster green with glazed carmine stripe or New York red with fine line striping.

Trimming—Green leather or heavy green cloth.

Top—Four bow, full rubber or leather quarter, with extension joints, raised front valance, Higgins' curtain fastener, black prop nuts, storm apron.

Shafts—Heel brace with Pontiac steel quick shifter, 24 inch shaft leathers, full trimmed.

Track—4 feet 8 inches or 5 feet 2 inches.



Expend—No. 49 Scroll Spring, Heavy Buggy.

Oakland Grade.

Wheels—1 inch Sarven patent, screwed rims.

Gear—1 inch self-oiling, dust-proof Concord axles, arched or drop; 3/4 inch elliptic common head springs with scroll spring or wood bar, full longitudinal spring.

Body—25 x 55 inches, three prong step, steel corners, rubber boot, green carpet and toe carpet, 13 inch dash with solid rail.

Seat—Panel, 33 inch spring cushion and spring back, with or without roll, 4 seat rods.

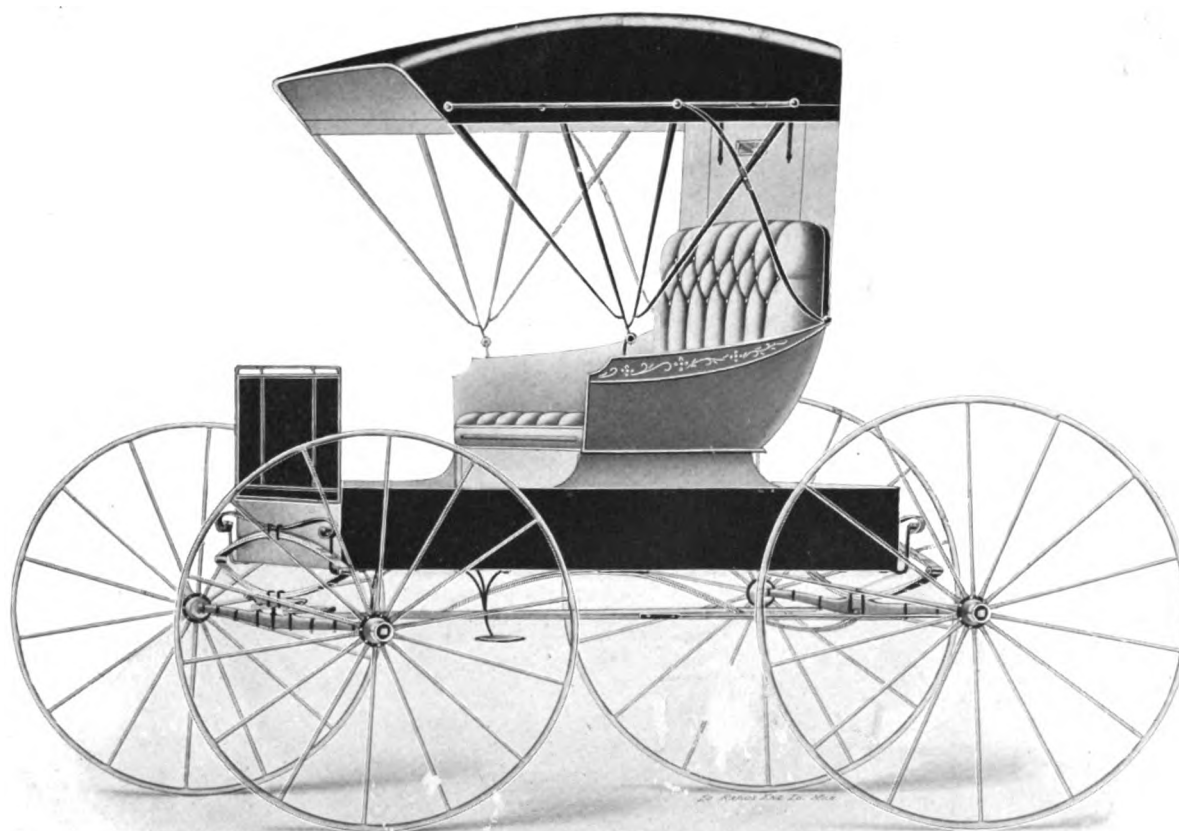
Painting—Body and seat, plain black; gear, Brewster green, glazed carmine striping.

Top—Four bow, full rubber or leather quarter, Higgins' curtain fastener and extension joints, black prop nuts, storm apron.

Trimming—Heavy green cloth or green leather.

Shafts—Heel brace with Pontiac steel quick shifting coupling, 24 inch shaft leathers.

Track—4 feet 8 inches or 5 feet 2 inches.



State—No. 499 Phaeton Seat Heavy Buggy.

Oakland Grade.

Wheels—1 inch Sarven, screwed rims.

Gear—1 inch self-oiling, dust-proof Concord axles, arched or drop; 30-inch elliptic common head spring with scroll spring or wood bar, full longitudinal spring.

Body—25 x 55 inches, three prong step, steel corners, rubber boot; green carpet and toe carpet, 13 inch dash with solid rail.

Seat—Large phaeton, with 23 inch spring back and spring cushion, 4 seat rods.

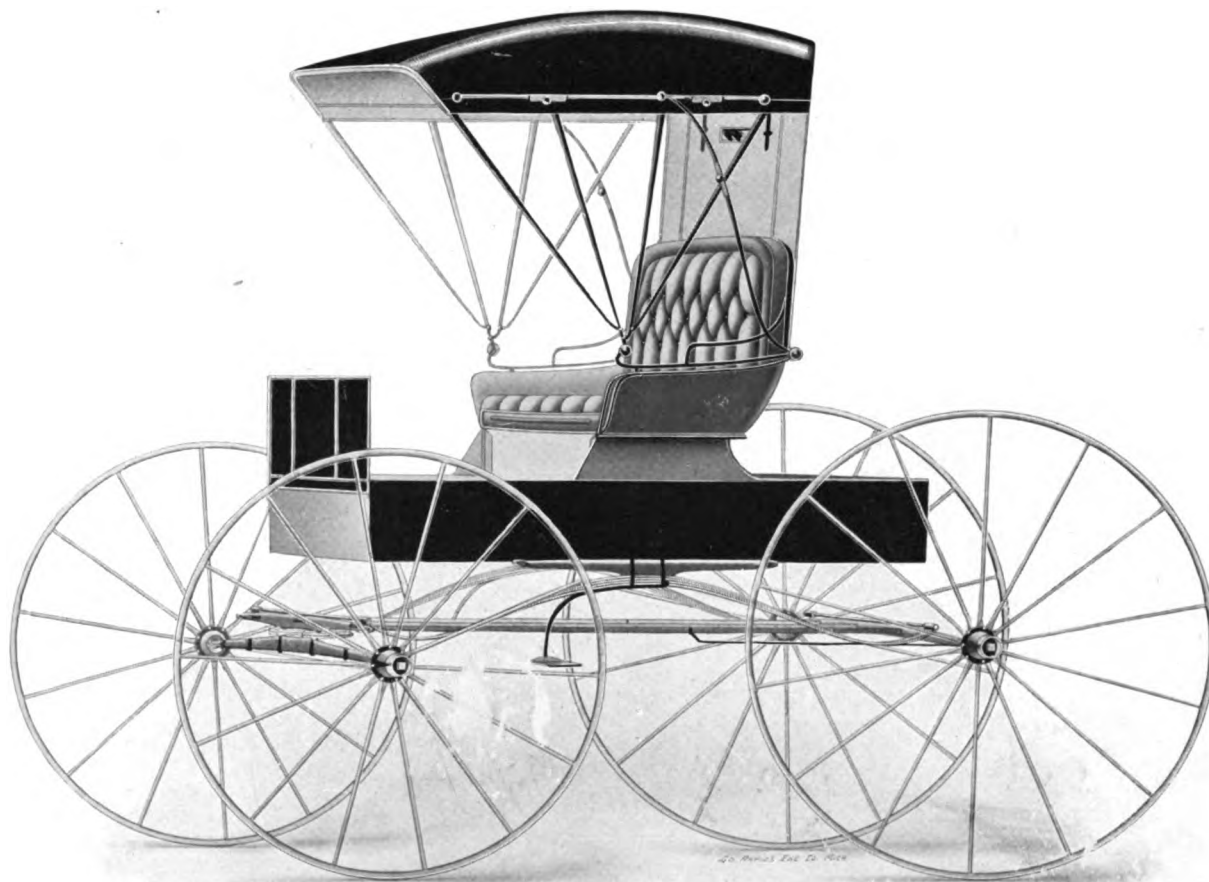
Painting—Body, plain black; mouldings of seat in colors, neatly striped; gear, Brewster green with glazed carmine stripe.

Trimmings—Green or brown leather, green cloth.

Top—Four bow, full rubber or leather quarter, Higgins' curtain fastener and extension joints, black prop nuts, storm apron.

Shafts—Heel brace with Pontiac steel quick shifting coupling, 24 inch shaft leathers.

Track—4 feet 8 inches or 5 feet 2 inches.



Expression—No. 48 Missouri Side Spring Buggy.
Expel—No. 50 North Coast Buggy, End Spring, Wood Bar.

Oakland Grade.

Wheels—1 or 1½ inch Sarven, screwed rims.

Gear—1 1-16 inch self-oiling, dust-proof Concord axles, arched or drop; Concord spring, equalizers front and back.

Body—24 x 55 inches, rubber boot, 13 inch padded dash or 12 inch dash with solid line rail, rubber mat, velvet toe carpet.

Painting—Body and seat, plain black; gear, Brewster green, glazed carmine stripe or New York red with black stripe.

Seat—Trimmed with or without roll, spring back and spring cushion, 4 seat rods.

Trimming—Green or brown leather or green cloth.

Top—Leather quarter, four bow, with extension joints, Higgins' curtain fastener, green head lining.

Shafts—Heel brace with Pontiac quick shifting coupling, 24 inch shaft leathers.

Track—4 feet 8 inches or 5 feet 2 inches.

No. 50 same as No. 48 except end springs and wood bar.



Express—No. 46 Heavy Livery Buggy.

Standard Grade.

Wheels—1½ inch Sarven patent, screwed rims.

Gear—1½ inch self-oiling, dust-proof Concord axles, arched or drop, double reach, 38 inch open head springs, full longitudinal spring, wood bar.

Body—27 x 57 inches, heavy hardwood bottom, steel corners, 13 inch dash with riveted rail, hand made leather boot.

Seat—Extra large, high back, with spring cushion and spring back. Four seat rods.

Top—Four bow, leather quarter with extension joints, Higgins' curtain fastener and concealed curtain light, green head lining, black prop nuts, storm apron.

Trimming—Green leather or cloth.

Shafts—Heel brace with standard coupler.

Track—4 feet 8 inches or 5 feet 2 inches.



Elsie—No. 45 Heavy Chicago Concord Buggy

Standard Grade.

Wheels—1 1/4 inch Sarven patent, screwed rims.

Gear—1 1/8 inch self-oiling, dust-proof Concord axles, arched or drop, three perch Concord, extra heavy, with 1 1/2 inch spring, equalizers front and rear, reaches plated on sides.

Body—27 x 57 inches, heavy hardwood bottom, sheet steel corners, 13 inch dash with riveted rail, hand made leather boot.

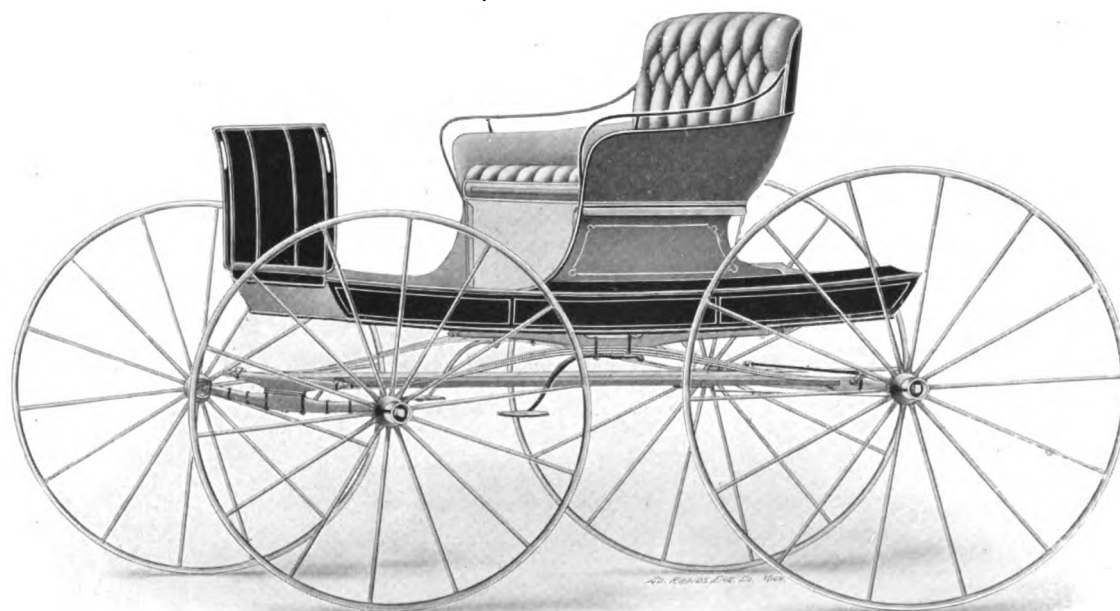
Seat—Extra large, high back, with spring cushion and spring back. Four seat rods.

Top—Four bow, leather quarter with extension joints, Higgins' curtain fastener and concealed curtain light, green head lining, black prop nuts, storm apron.

Trimming—Green leather or cloth.

Shafts—Heel brace with standard coupler.

Track—4 feet 8 inches or 5 feet 2 inches.



Aglow—No. 15 Solid Riser Concord.

Aft—No. 210 same, but with Punt Body and Rear Rail.

Standard Grade.

Wheels— $\frac{7}{8}$ or 1 inch Sarven or Warner, screwed rims.

Gear—15-16 inch self-oiling, dust-proof Concord axles; $1\frac{1}{2}$ inch springs, three reach with equalizers front and rear.

Body—Solid riser, Concord dash, with solid rail, rubber mat.

Seat—Large Concord, spring back and spring cushion, with heavy arm rails, 4 seat rods.

Painting—Body, black, striped in carmine; gear, Brewster green, glazed carmine stripe, or New York red with black stripe.

Trimming—Green or brown leather or whipcord.

Shafts—Heel brace with standard shaft coupling, 24 inch shaft leathers, full leather trimmed.

Track—4 feet 8 inches or 5 feet 2 inches.



Agnes—No. 13 Open Riser Concord.

Standard Grade.

Wheels— $\frac{7}{8}$ or 1 inch Sarven or Warner, screwed rims.

Gear—15-16 inch self-oiling, dust-proof Concord axles; $1\frac{1}{8}$ inch springs, three reach with equalizers front and rear.

Body—Open riser, Concord dash, with solid rail, rubber mat.

Seat—Large Concord, spring back and spring cushion, with heavy arm rails.

Painting—Body, black, striped in carmine; gear, Brewster green, glazed carmine stripe, or New York red with black stripe.

Trimming—Green or brown leather or whipcord.

Shafts—Heel brace with standard shaft coupling, 24 inch shaft leathers, full leather trimmed.

Track—4 feet 8 inches or 5 feet 2 inches.



Extol—No. 44 Heavy Concord Buggy.
Afton—No. 14 Heavy Concord, no Top.

Standard Grade.

Wheels—1½ inch Sarven, screwed rims.

Gear—1½ inch self-oiling, dust-proof Concord axles, drop only; three reach with equalizers front and rear, reach plates on the sides.

Body—30 inches wide with solid riser, leather or rubber boot, green carpet and large dash.

Seat—Large Concord, with 34 inch cushion, 4 seat rods, solid arm rail.

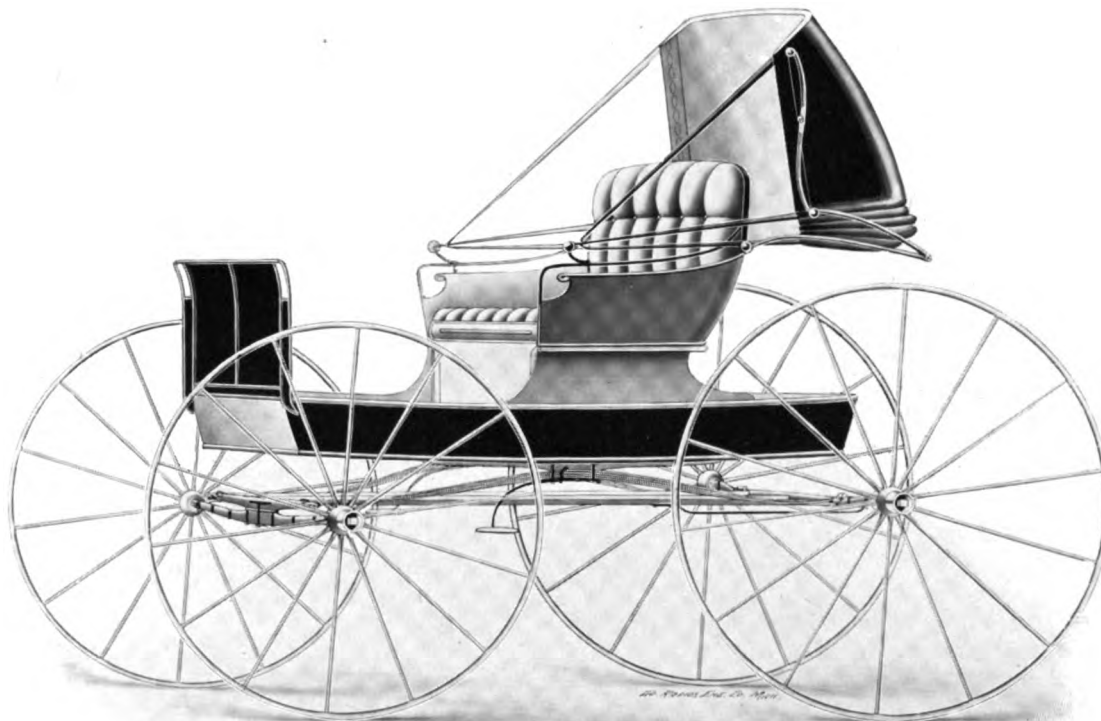
Painting—Body, black with carmine stripe; gear, Brewster green with glazed carmine stripe or New York red with black stripe.

Top—Four bow leather quarter or full rubber, extension joints, concealed curtain light, Higgins' curtain fastener, raised front valance.

Trimming—Green or brown leather or cloth, spring back and spring cushion, back with or without roll.

Shafts—Heel brace with standard shaft coupling.

Track—4 feet 8 inches or 5 feet 2 inches.



Equip—No. 31 Concord with Top.
Evade—No. 31 $\frac{1}{2}$ same but without Top.

Standard Grade.

Wheels— $\frac{3}{4}$ or 1 inch Sarven, screwed rims.

Gear—15-16 inch self-oiling, dust-proof Concord axles, drop only; three reach with equalizers front and rear, 1 $\frac{1}{4}$ inch heavy Concord springs.

Body—Concord with solid riser, leather or rubber boot, Concord dash with solid riveted rail, rubber mat.

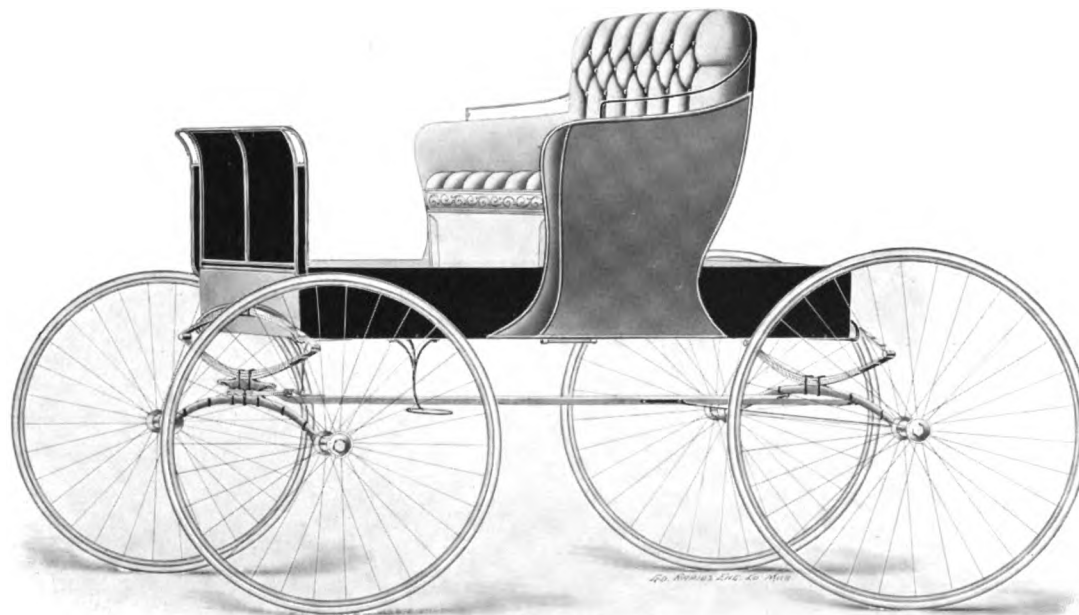
Seat—Large Concord with spring back and spring cushion, solid arm rail, 4 seat rods.

Trimmings—Green or brown leather or whipcord.

Top—Four bow leather quarter or full rubber with curved joints and extension joints, green head lining, steel sockets, black prop nuts.

Shafts—Heel brace with standard shaft coupling, 24 inch shaft leathers, full trimmed.

Track—4 feet 8 inches or 5 feet 2 inches.



Endow—No. 9 Bike Runabout, 1 ¼ inch Cushion Tire, Wire Wheels.

Endure—No. 9 ½ Bike Runabout, 1 ¼ inch Cushion Tire, Wood Wheels.

A Grade.

Wheels—"A" grade, wood or wire, wood rims, 38-40 over all, 1 ¼ inch cushion tire.

Gear—High arch, self-oiling, dust-proof Concord axles, bent wood axle beds, wrought gear irons, wrought Bailey loop, open head springs.

Body—Special stanhope runabout, padded wing dash, velvet carpet.

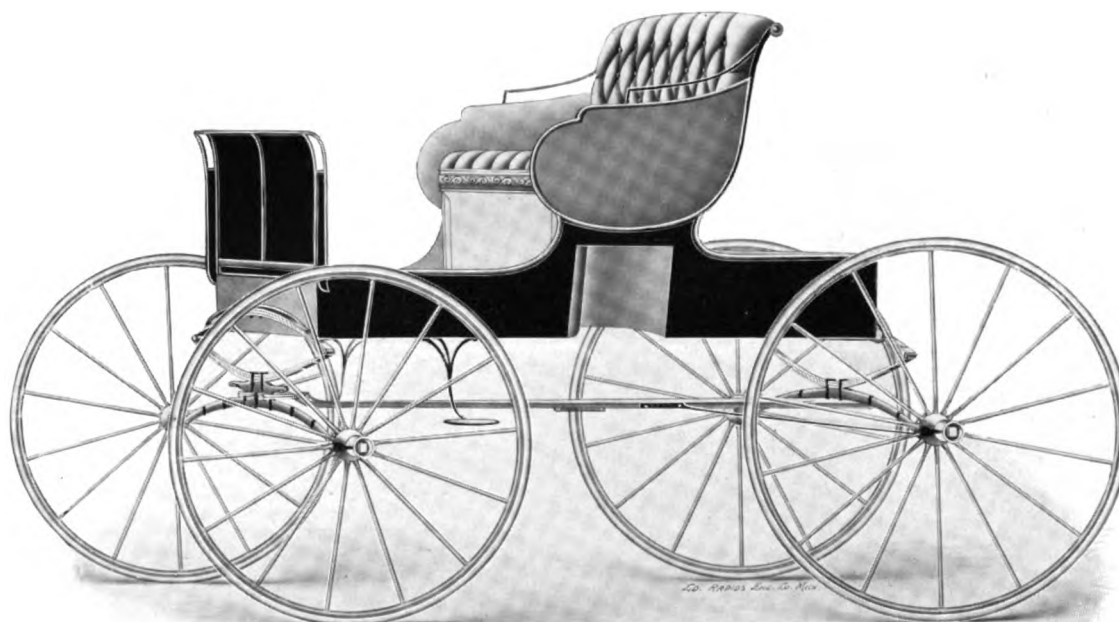
Seat—Solid, 4 seat rods.

Painting—Body and seat, black, or in colors; gear, carmine or straw color, black stripe.

Trimming—Covert cloth, green or brown leather, storm apron.

Shafts—Special heel brace with Mulholland shaft coupling, 36 inch shaft leathers, full stitched straps.

Track—4 feet 4 inches or 4 feet 8 inches.



Expensive—No. 10 Cut-Under Bike Runabout, 1 ¼ inch Cushion Tire, Wood Wheels.

Exploration—No. 10½ Cut-Under Bike Runabout, 1 ¼ inch Cushion Tire, Wire Wheels.

A Grade.

Wheels—"A" grade, wood or wire, wood rims, 38-40 over all, 1 ¼ inch cushion tire.

Gear—High arch, self-oiling, dust-proof Concord axles, bent wood axle beds, wrought gear irons, wrought Bailey loop, open head springs.

Body—25 inch Piano cut-under with green velvet carpet, padded wing dash.

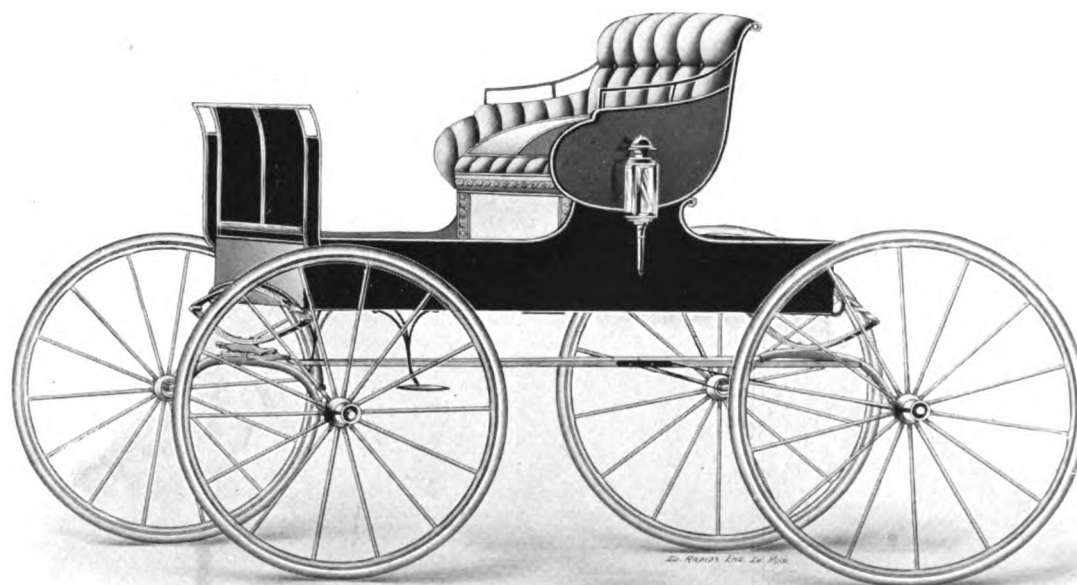
Seat—Portable.

Painting—Body and seat, plain black; gear, carmine or straw color.

Trimming—Covert cloth, whipcord, maroon or green leather, storm apron.

Shafts—Special heel brace with Mulholland shaft coupling, 36 inch shaft leathers, full stitched straps.

Track—4 feet 8 inches only.

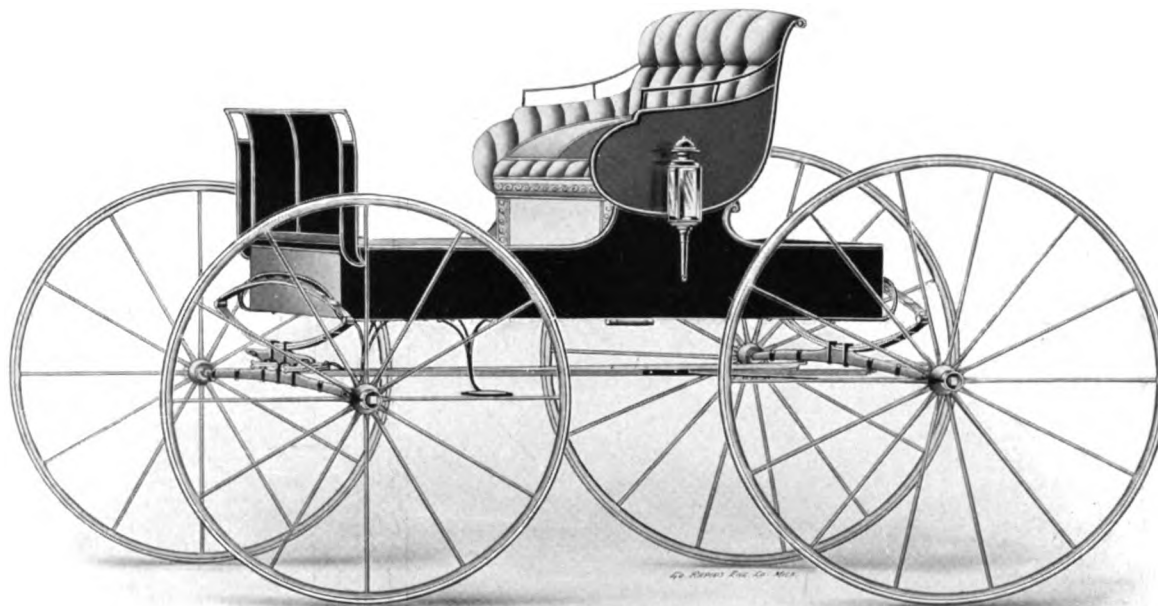


Echo—No. 21 Bike Runabout, $\frac{3}{8}$ inch Rubber Tire.
Eden—No. 21 $\frac{1}{2}$ Bike Runabout, $1\frac{1}{4}$ inch Cushion Tire.

A Grade.

Wheels—"A" grade, 38-40 over all, $1\frac{1}{4}$ inch cushion tire or $\frac{3}{8}$ inch hard rubber tire.
Gear—High arch, self-oiling, dust-proof Concord axles, bent wood axle beds, wrought gear irons, wrought Bailey loop, open head springs.
Body—25 inch piano, with green velvet carpet, padded wing dash.
Seat—Portable.
Painting—Body and seat, plain black; gear, carmine or straw color.

Trimming—Covert cloth, whipcord, maroon or green leather, storm apron.
Shafts—Special heel brace with Mulholland shaft couplers, 36 inch shaft leathers, full stitched straps.
Track—4 feet 4 inches or 4 feet 8 inches.
Wire wheels can be furnished on No. 21 $\frac{1}{2}$ if wanted.



Equity—No. 22 High Wheel Runabout.

A Grade.

Wheels—42-46, $\frac{3}{8}$ or $\frac{1}{2}$ Foley band, screwed rims.

Gear—Self-oiling, dust-proof Concord axles, arch or drop; open head springs, wrought body loop, wrought gear irons.

Body—25 inch, padded wing dash, velvet carpet and toe carpet, roller wear irons and rubber padded step, storm apron.

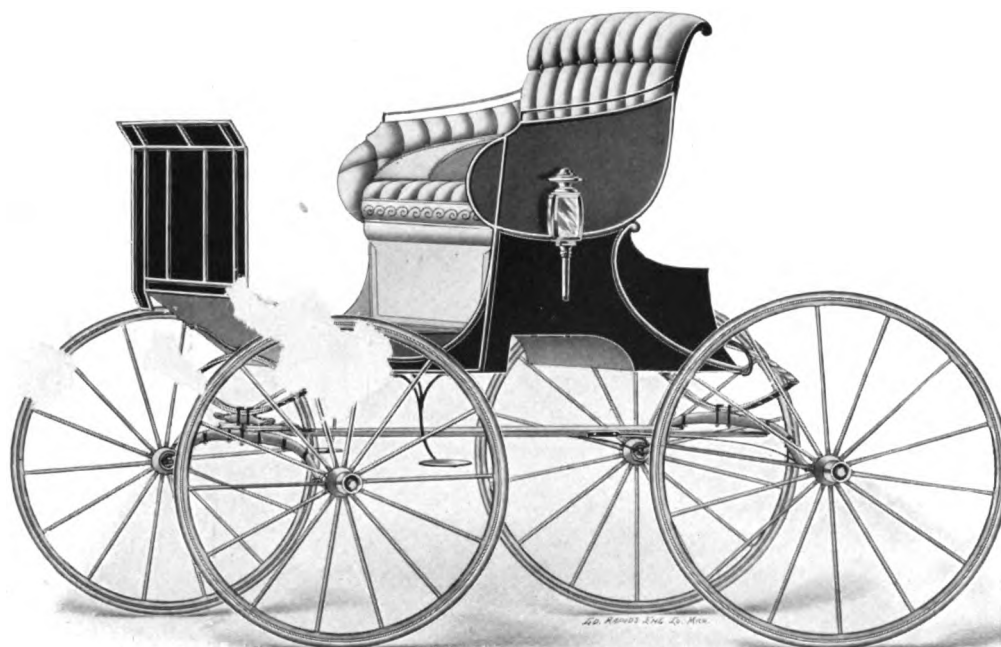
Seat—Special design with 4 seat rods.

Painting—Body, black; seat panels, green; gear, carmine or straw color.

Trimming—Covert cloth, whipcord, maroon or green leather.

Shafts—Special heel brace, Mulholland coupling, 36 inch shaft leathers, full stitched.

Track—4 feet 4 inches, 4 feet 8 inches, 5 feet 2 inches.



Elevate—No. 105 Bike Stanhope, $1\frac{1}{4}$ inch Cushion Tire.
Elevator—No. 105 $\frac{1}{2}$ Bike Stanhope, $\frac{7}{8}$ inch Rubber Tire.

A Grade.

Wheels—Wood, 38-40 over all, $1\frac{1}{4}$ inch cushion tire or $\frac{7}{8}$ inch hard rubber tire.

Gear—High arch, self-oiling, dust-proof Concord axles, bent wood axle beds, wrought gear irons, wrought Bailey loop, open head springs.

Body—Special design with false bottom, padded wing dash and special cut-under, storm apron.

Seat—Solid to body.

Painting—Body, black; seat panels, green; gear, carmine or straw color.

Trimming—Covert, whipcord, blue cloth, maroon or green leather.

Shafts—Special heel brace with Mulholland shaft coupling, 36 inch shaft leathers, full stitched.

Track—4 feet 4 inches, 4 feet 8 inches.

Wire wheels can be furnished on No. 105 if wanted.



Emerald—No. 106 Covert Bike $1\frac{1}{4}$ inch Cushion Tire.
Emery—No. 106 $\frac{1}{2}$ Covert Bike $\frac{7}{8}$ inch Rubber Tire.

A Grade.

Wheels—Wood, 38-40 over all, $1\frac{1}{4}$ inch cushion tire or $\frac{7}{8}$ inch hard rubber tire.

Gear—High arch, self-oiling, dust-proof Concord axles, bent wood axle beds, wrought gear irons, wrought Bailey loop, open head springs.

Body—Special design with false bottom, padded wing dash and special cut-under, storm apron.

Seat—Solid to body.

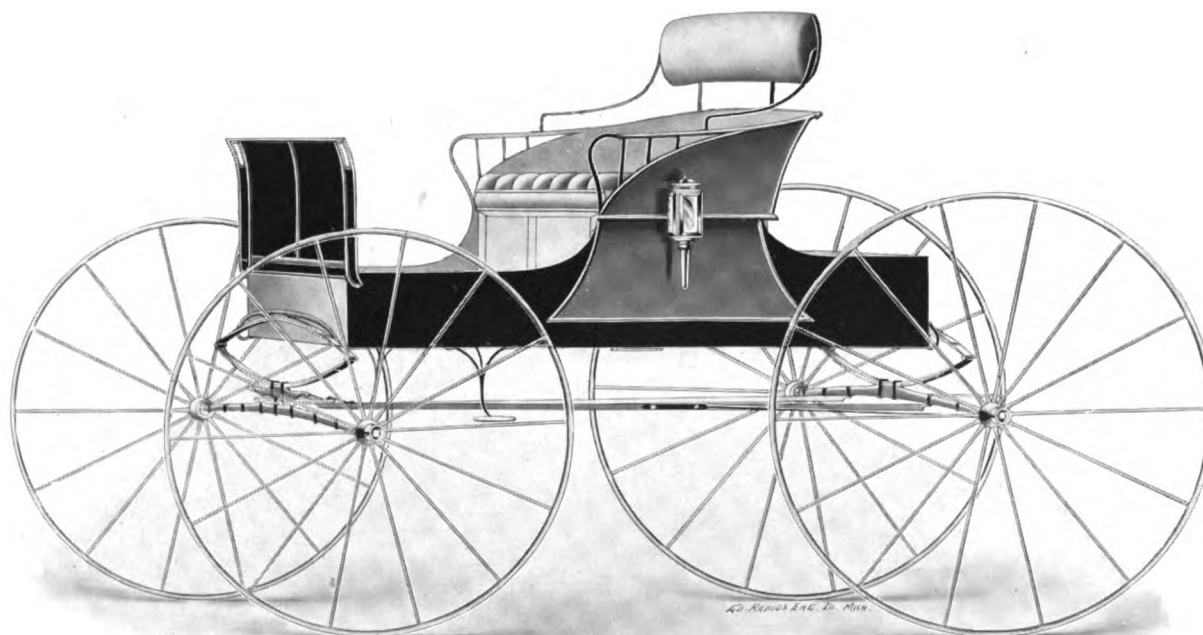
Painting—Body, black, seat panels, green; gear, carmine or straw color.

Trimming—Covert, whipcord or blue cloth, or maroon or green leather.

Shafts—Special heel brace with Mulholland shaft coupling, 36 inch shaft leathers, full stitched.

Track—4 feet 4 inches or 4 feet 8 inches.

Wire wheels can be furnished on No. 106 if wanted.



Alger—No. 17 Glen Runabout, High Wheel

Standard Grade.

Wheels— $\frac{1}{4}$ or $\frac{3}{8}$ inch Foley band or Sarven, screwed rims, steel tire.

Gear—Self-oiling, dust-proof Concord axles, arch or drop; 36 inch elliptic open head springs, wrought Bailey loops.

Body—24 x 55 inches, with half hardwood bottom, high seat riser, padded wing dash, full length velvet carpet and toe carpet, rubber padded step, roller wear irons, storm apron.

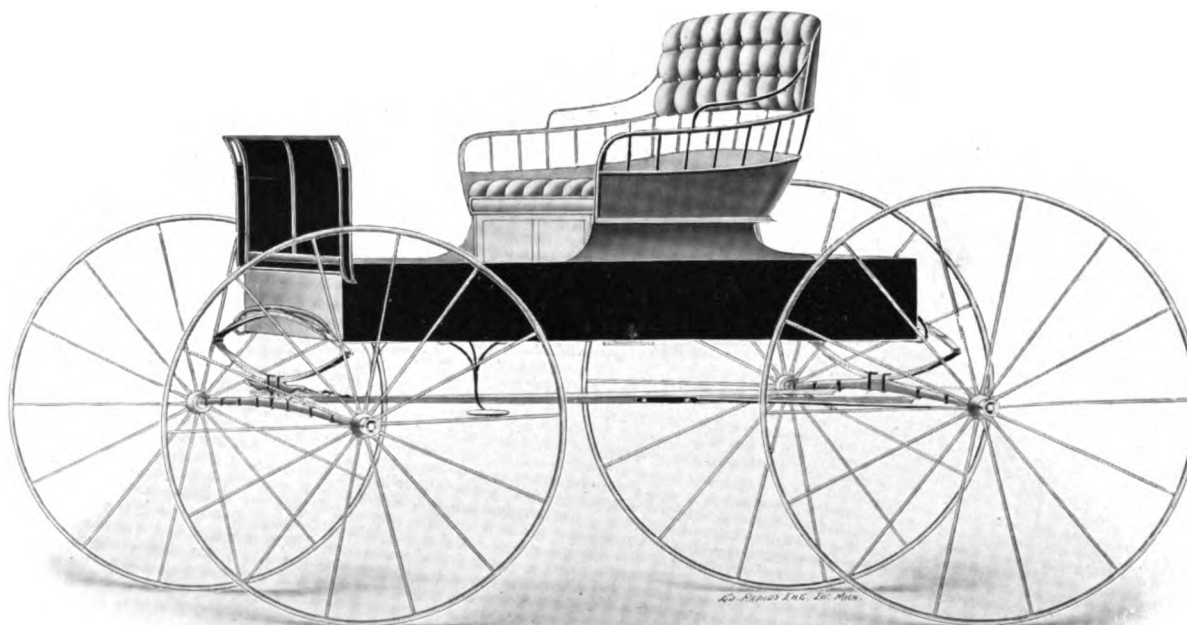
Seat—Special design, with special handle and arm rails, 4 seat rods.

Painting—Body and seat in colors and finished inside; gear, New York red with black stripe or Brewster green with carmine stripe.

Trimming—Whipcord, blue cloth or green leather.

Shafts—Heel brace with Standard shaft couplings, 24 inch shaft leathers, full trimmed.

Track—4 feet 8 inches or 5 feet 2 inches.



Who—No. 4 High Wheel Runabout.

Standard Grade.

Wheels— $\frac{1}{4}$ or $\frac{3}{8}$ inch Foley band or Sarven, screwed rims, steel tire.

Gear—Self-oiling, dust-proof Concord axles, arch or drop; 36 inch elliptic open head springs, wrought Bailey loops.

Body—24 x 55 inches, with half hard wood bottom, high seat riser, padded wing dash, full length velvet carpet and toe carpet, rubber padded step, roller wear irons, storm apron.

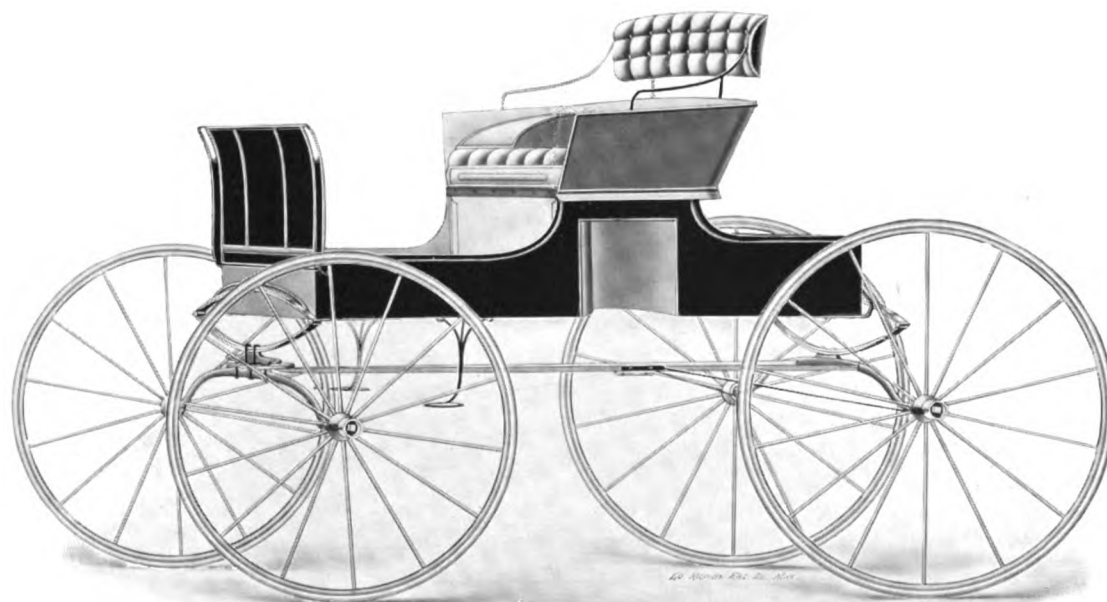
Seat—Special design with special handle and arm rails. 4 seat rods.

Painting—Body and seat, black and finished inside; gear, New York red with black stripe or Brewster green with carmine stripe.

Trimming—Whipcord, blue cloth or green leather.

Shafts—Heel brace with Standard shaft coupling, 24 inch shaft leathers, full trimmed.

Track—4 feet 8 inches or 5 feet 2 inches.



Event—No. 18 Cut-Under Runabout, $\frac{7}{8}$ inch Rubber Tire.

Evedent—No. 18 $\frac{1}{2}$ Cut-Under Runabout 1 $\frac{1}{4}$ inch Cushion Tire.

Standard Grade.

Wheels—Foley band, 38-40 over all, $\frac{7}{8}$ or 1 $\frac{1}{4}$ inch rubber tire.

Gear—High arch, dust-proof Concord axles with wood capped centers, wrought gear irons, 1 $\frac{1}{4}$ inch open head springs, wrought body loops.

Body—25 x 55 inches, cut-under, finished inside, velvet carpet, padded wing dash, rubber padded step, roller wear irons, storm apron.

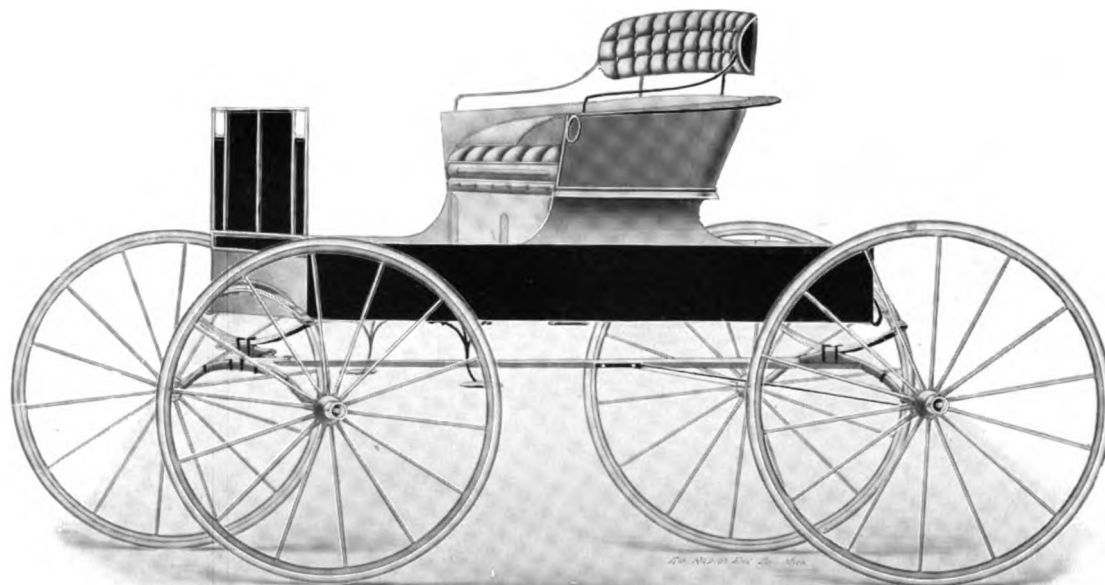
Seat—Special round corner, panel, trimmed inside, with seat handle.

Painting—Body and seat, plain black; gear, New York red or straw with black stripe, Brewster green with glazed carmine stripe.

Trimming—Whipcord, blue cloth, maroon or green leather.

Shafts—Heel brace, Mulholland shaft coupling, 24 inch full leathers.

Track—4 feet 8 inches only.

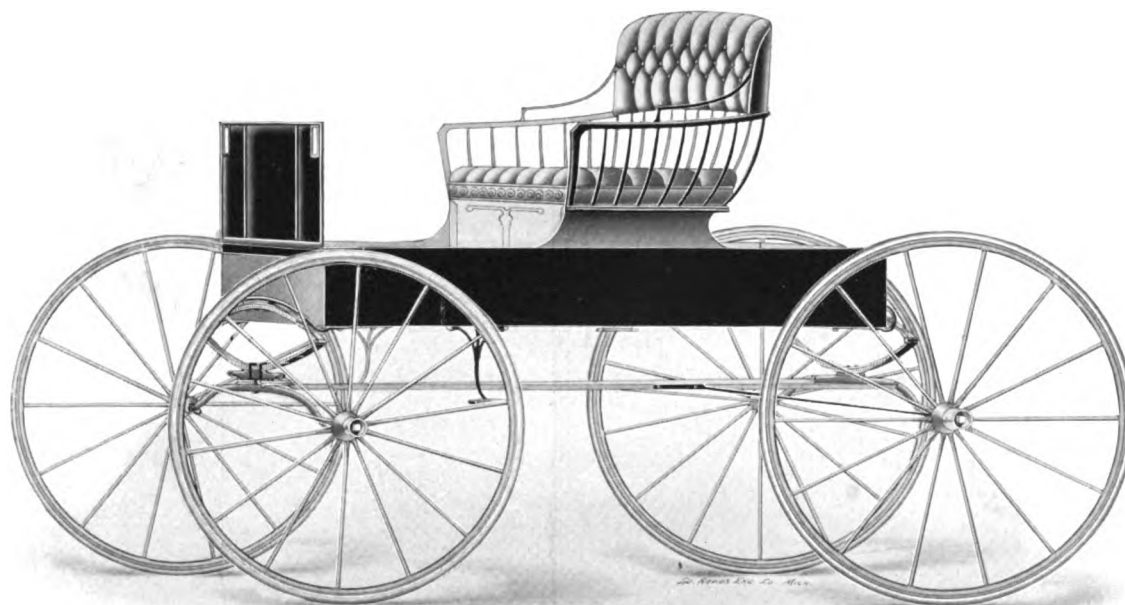


Why—No. 6 Eastern Bike, $1\frac{1}{4}$ inch Cushion Tire.
Affable—No. 8 Eastern Bike, $\frac{7}{8}$ inch Rubber Tire.

Standard Grade.

Wheels—Foley band, 38-40 over all, $1\frac{1}{4}$ inch cushion or $\frac{7}{8}$ inch solid rubber tire.
Gear—Self-oiling, dust-proof high arch Concord axles, wood capped centers, wrought gear irons, open head springs, wrought Bailey loops.
Body—24 x 55 inches, finished inside, full length rubber mat, padded dash, three prong rubber padded step, roller wear irons, storm apron.
Seat—Special round corner with arm rails, trimmed inside, with or without fenders.

Painting—Body and seat, plain black; gear, New York red, maroon or straw color with light stripe.
Trimming—Whipcord, blue cloth, green or maroon leather.
Shafts—Heel brace, Mulholland coupling, 24 inch full leathers.
Track—4 feet 4 inches or 4 feet 8 inches.

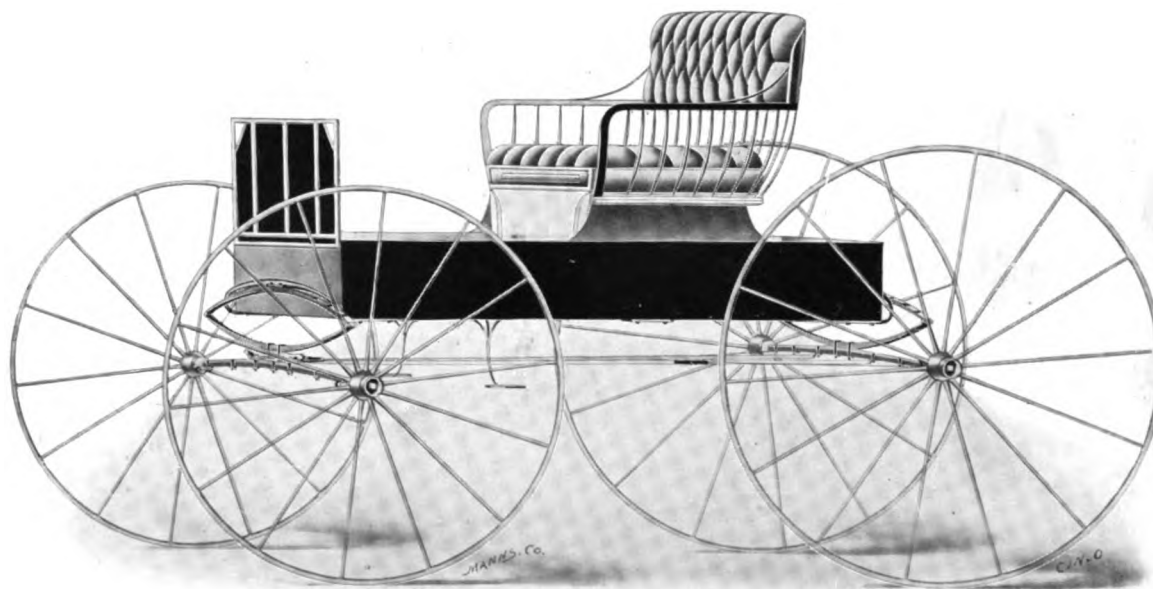


Steve—No. 7 Eastern Bike, Stick Seat, 1 1/4 inch Cushion Tire.
Edmond—No. 77 Eastern Bike, Stick Seat, 7/8 inch Rubber Tire.

Standard Grade.

Wheels—Foley band, 38-40 over all, 1 1/4 inch cushion or 7/8 inch solid rubber tire.
Gear—Self-oiling, dust-proof, high arch Concord axles, wood capped centers, wrought gear irons, open head springs, wrought Bailey loops.
Body—24 x 55 inches, finished inside, full length rubber mat, padded dash, three prong rubber padded step, roller wear irons, storm apron.
Seat—Stick, with arm rails, with or without fenders.

Painting—Body and seat, plain black; gear, New York red, maroon or straw color with light stripe.
Trimming—Whipcord, blue cloth, green or maroon leather.
Shafts—Heel brace, Mulholland coupling, 24 inch full leathers.
Track—4 feet 4 inches or 4 feet 8 inches.



Afflicted—No. 11 High Wheel Runabout.

Standard Grade.

Wheels— $\frac{1}{4}$ or $\frac{3}{8}$ inch Warner, 40-44 or $\frac{1}{4}$ 7s Foley band 42-46, steel tire.

Gear—Self-oiling, dust-proof Concord axles, arch or drop; 36 inch open head springs, wrought Bailey loops.

Body—23 x 55 inches, finished inside, with rubber mat, 13 inch padded dash, roller wear irons, storm apron, rubber padded steps.

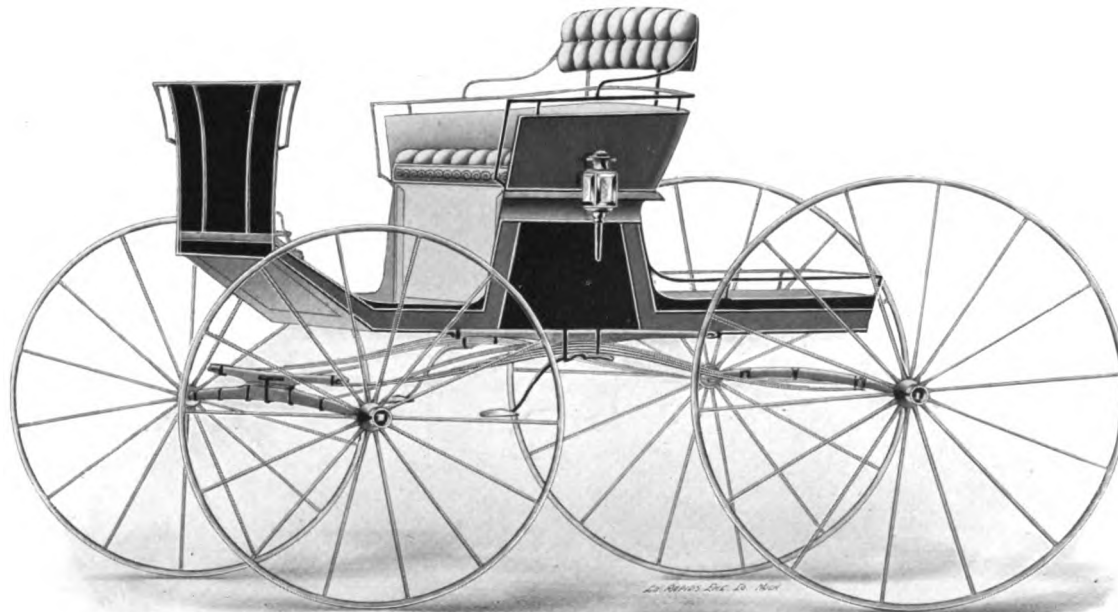
Seat—Spindle, with spring cushion, 4 seat rods.

Painting—Body and seat, plain black; gear, New York red with black stripe, or Brewster green with glazed carmine stripe.

Trimming—Whipcord, green or maroon leather.

Shafts—Special heel brace with Standard coupling, 24 inch shaft leathers, full trimmed.

Track—4 feet 8 inches or 5 feet 2 inches.



Era—No. 403 Golf Runabout, Banner Gear.

Standard Grade.

Wheels— $\frac{3}{4}$, $\frac{1}{2}$ or 1 inch Warner or Sarven, screwed rims.

Gear—Self-oiling, dust-proof Concord axles; Banner spring.

Body—Special design, finished inside, silver body rail, velvet carpet, solid foot padded dash.

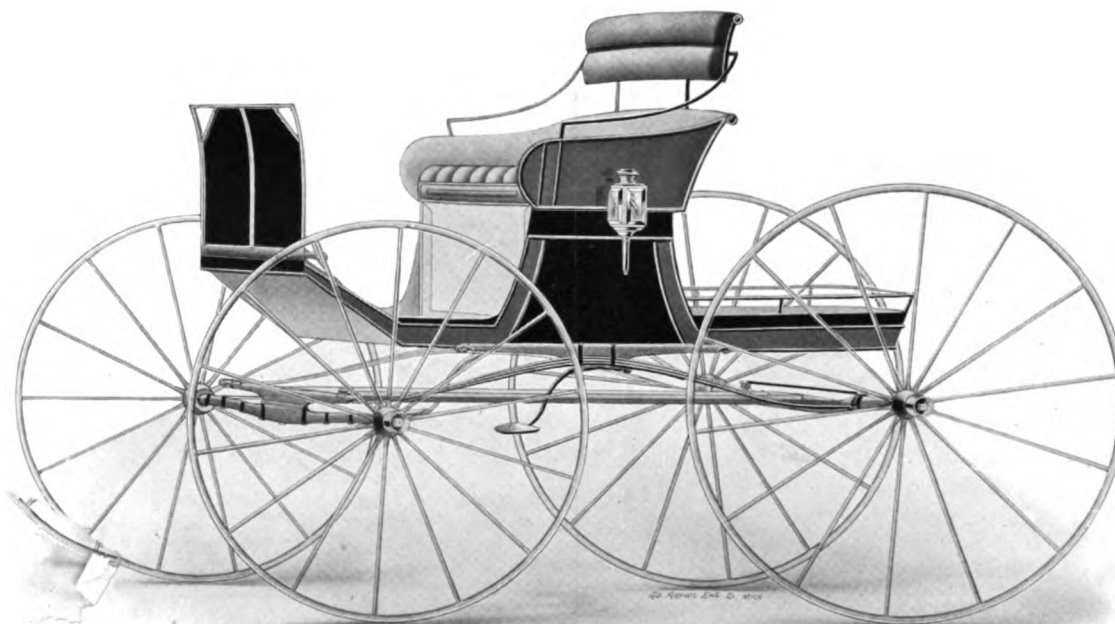
Seat—Panel, trimmed inside, special arm rail, spring cushion.

Painting—Body, in colors seat, plain black; gear, New York red, black stripe or Brewster green with carmine stripe.

Trimming—Whipcord, green or brown leather.

Shafts—Heel brace with standard shaft coupling, 24 inch shaft leathers, full trimmed.

Track—4 feet 8 inches or 5 feet 2 inches.



Eraser—No. 404 Golf Runabout, Concord Gear.

Standard Grade.

Wheels—Sarven or Warner, $\frac{3}{4}$, $\frac{7}{8}$ or 1 inch tread, with steel tire; screwed rims.
Gear—Self-oiling, dust-proof Concord axles; three reach, equalizers front and rear.
Body—Special design with silver body rail, full length carpet.
Seat—Special design, trimmed inside, 4 seat rods.
Trimming—Whipcord, green or brown leather.

Painting—Body in colors, mouldings striped in carmine; seat, plain black; gear, New York red or straw color, with fine line stripe.
Shafts—Heel brace, standard shaft coupling, 24 inch shaft leathers, full trimmed.
Track—4 feet 8 inches or 5 feet 2 inches.

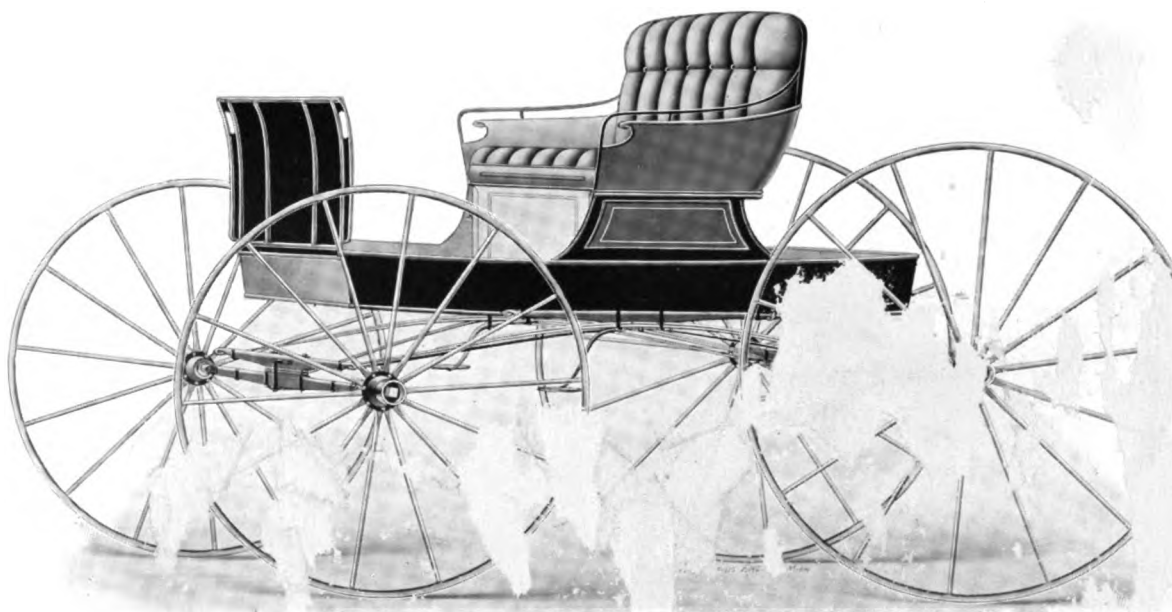


Alligator—No. 402 California Runabout, Panel Seat, Concord Gear.
Affronted—No. 400 California Runabout, Stick Seat, Concord Gear.

Standard Grade.

Wheels— $\frac{1}{4}$, $\frac{3}{8}$ or 1 inch Sarven or Warner, screwed rims, steel tire.
Gear—15-16 inch self-oiling, dust-proof Concord axles, drop only; three reach, equalizers front and rear.
Body—Special design, extra wide, with silver rail in the rear, solid foot padded dash; storm apron.
Seat—33 inch cushion and spring back or stick, 4 seat rods.

Painting—Body and seat in colors, neatly striped; gear, New York red or straw color with black stripe.
Trimming—Seal brown, leather whipcord, or pigskin.
Shafts—Heel brace, standard shaft coupling, 24 inch shaft leathers.
Track—4 feet 8 inches or 5 feet 2 inches.



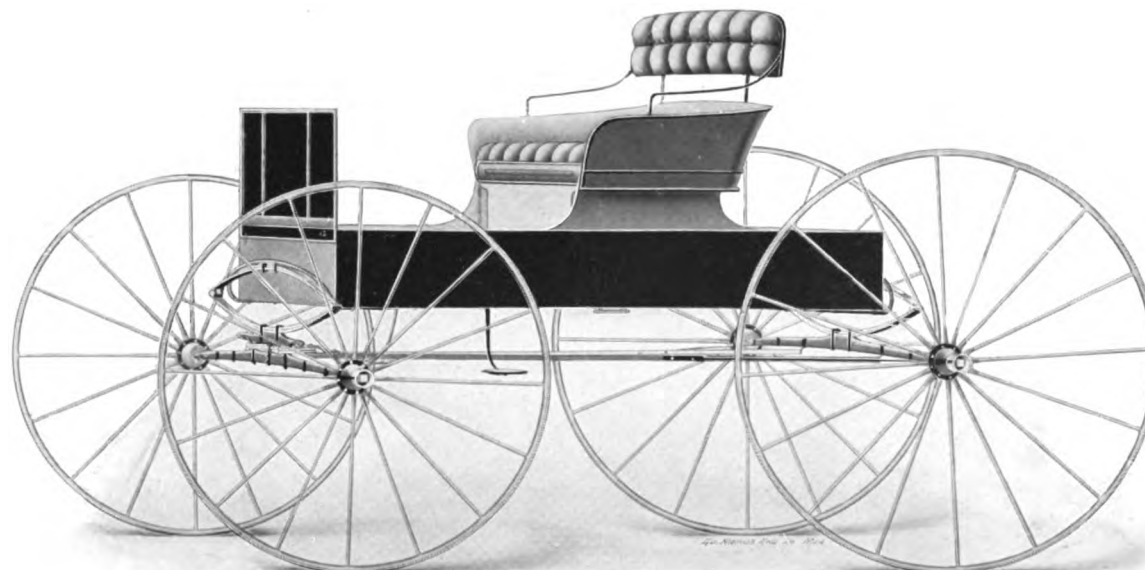
Farr—No. 16 Driving Wagon, Banner Gear.

Standard Grade

Wheels— $\frac{3}{4}$, $\frac{1}{2}$ Warner or Sarven, screwed rims, steel tire.
Gear—Self-oiling, dust-proof Concord axles; Banner spring.
Body—Special design, finished inside, rubber mat, special wing dash.
Seat—Panel, with special arm rails; spring back and cushion.
Trimming—Whipcord, cloth or leather.

Painting—Body and seat, black, striped in carmine; gear, New York red or Brewster green.

Shafts—Heel brace, standard shaft coupling, 24 inch shaft leathers, full trimmed.
Track—4 feet 8 inches or 5 feet 2 inches.



Empire—No. 12 High Wheel Runabout, Panel Seat.

Empress—No. 11½ High Wheel Runabout, Stick Seat.

Oakland Grade.

Wheels— $\frac{3}{8}$ or $\frac{1}{4}$ inch Sarven, plain rims, steel tire.

Gear—Self-oiling, dust-proof, Bell collar axles, arch or drop; solid head spring, wrought Bailey loop.

Body—21, 24 x 55 inches, with 12 inch plain dash and full length carpet.

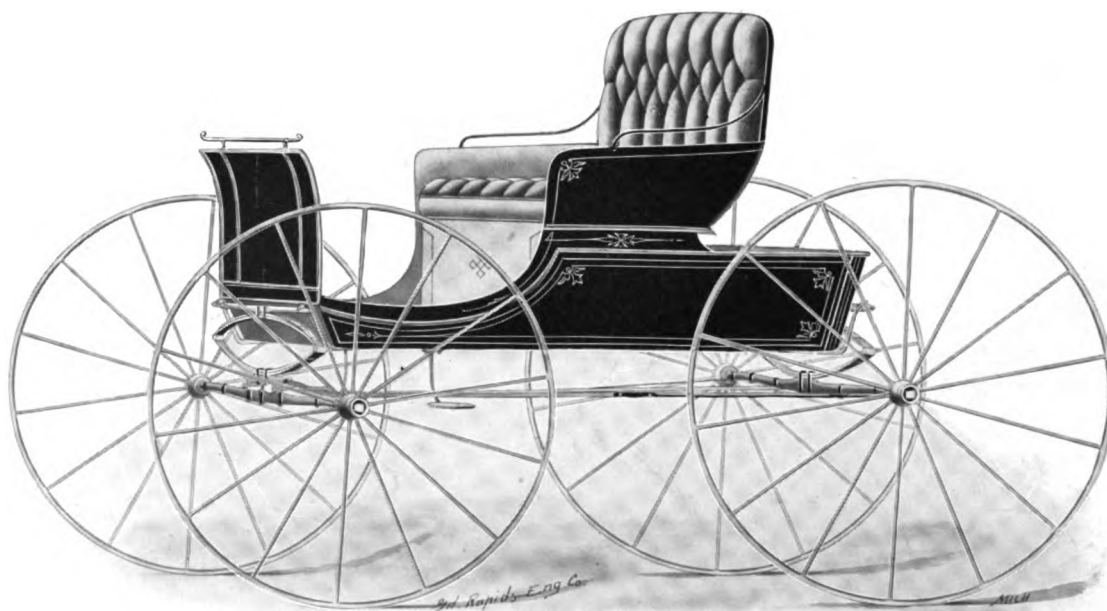
Seat—Special panel, trimmed inside, or stick, with 4 seat rods, spring cushion.

Trimming—Whipcord, cloth or leather.

Painting—Body and seat, plain black; gear, New York red with black stripe or Brewster green with red stripe.

Shafts—Regular, with 17 inch shaft leathers, full trimmed, common couplers.

Track—4 feet 8 inches or 5 feet 2 inches.



Bing—No. 59 Road Wagon, Wood Bar.
Bell—No. 159 Road Wagon, Bailey Loop.

Oakland Grade.

Wheels— $\frac{7}{8}$ or 1 inch Sarven patent, plain rims.

Gear—15-16 inch double collar steel axles; solid head elliptic spring. 35 inch, wood bar or Bailey loop.

Seat—Polished panel back, spring cushion, 4 seat rods.

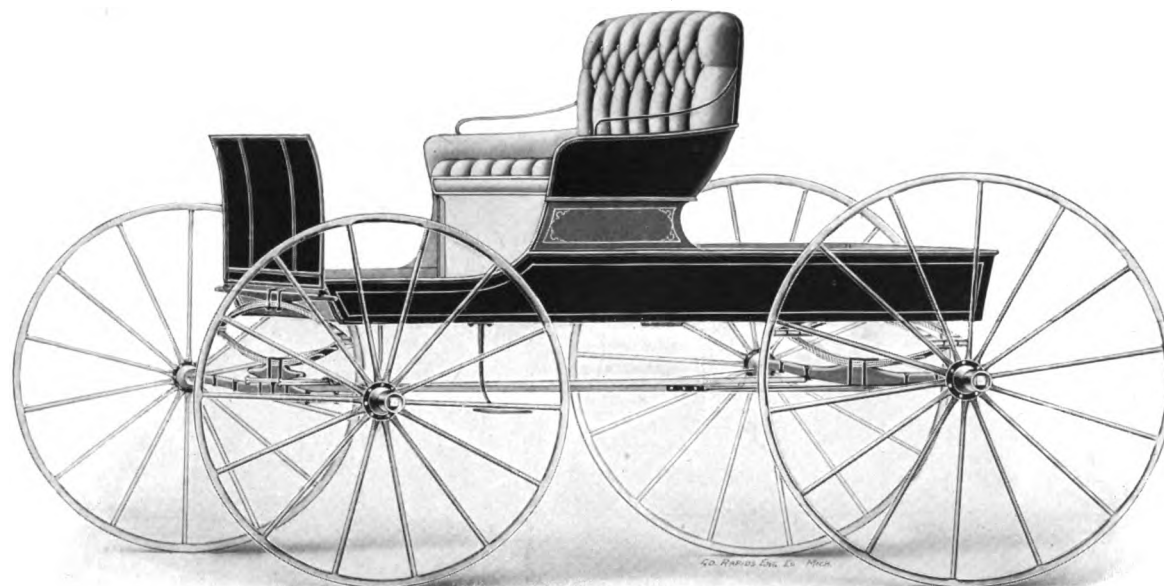
Body—Regular with metal corners in rear, 15 inch dash with rail, full length carpet and boot.

Painting—Body in colors, neatly striped; gear, New York red or Brewster green.

Trimming—Imitation leather, cloth or leather with imitation fall and seat ends.

Shafts—Regular, with 17 inch shaft leathers; common couplers.

Track—4 feet 8 inches or 5 feet 2 inches.



Panya—No. 55 Long Body Road Wagon.

Oakland Grade.

Wheels—1 inch or 1½ inch tread, ¾ inch tire, Sarven patent, plain rims.

Gear—1 1-16 inch dust-proof Concord axles; 35 inch elliptic springs in front and triple spring rear.

Body—26 x 71 inches, top edges ironed in front and oilcloth in bottom, 15 inch leather dash.

Seat—Panel back, polished, with spring back and spring cushion.

Painting—Body and seat, black, neatly striped; gear, New York red or Brewster green.

Trimming—Imitation leather, cloth or leather with imitation fall and seat ends.

Shafts—Regular, with common shaft coupling, 17 inch shaft leathers.

Track—4 feet 8 inches or 5 feet 2 inches.



Machine—No. 155 Long Body, Two Seat Road Wagon.

Oakland Grade.

Wheels—1 inch or 1½ inch tread, ¼ inch tire, Sarven patent, plain rims.

Gear—1 1-16 inch dust-proof Concord axles; 35 inch elliptic springs in front, and triple spring rear.

Body—26 x 71 inches, top edges ironed in front, and oilcloth in bottom, 15 inch leather dash.

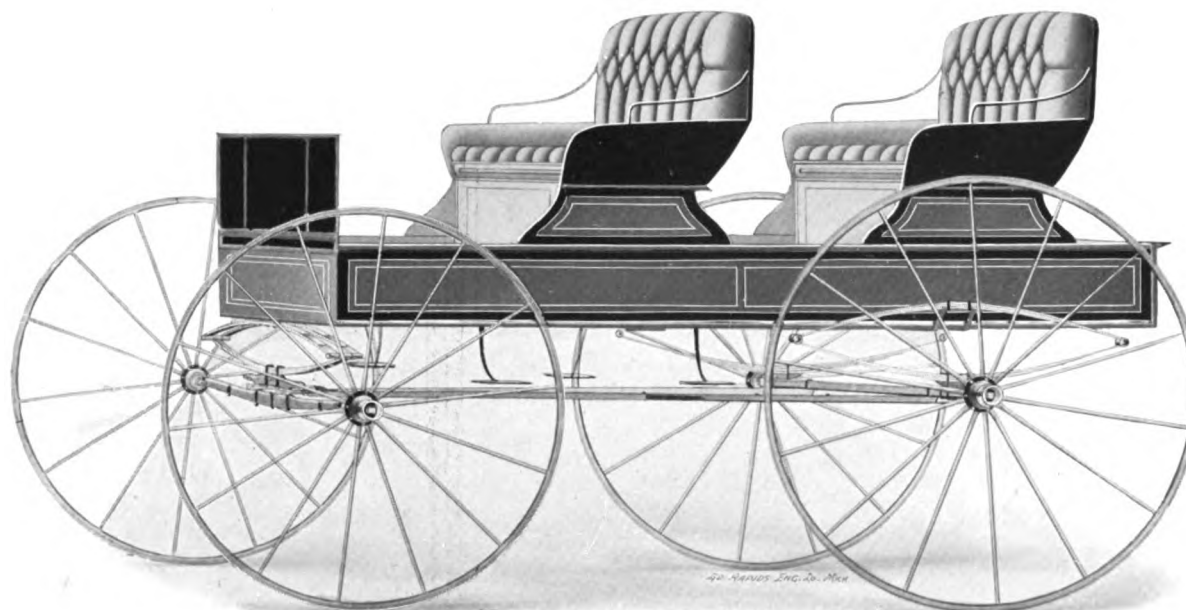
Seat—Panel back, polished, with spring back and spring cushion.

Painting—Body and seat, black, neatly striped; gear, New York red or Brewster green.

Trimming—Imitation leather, cloth or leather with imitation fall and seat ends.

Shafts—Regular, with common shaft coupling, 17 inch shaft leathers.

Track—4 feet 8 inches or 5 feet 2 inches.



Agonize—No. 60 Light Three Spring Wagon.

Oakland Grade.

Wheels—1 inch or 1½ inch Sarven, plain rims.

Gear—1 1-16 inch dust-proof Concord axles with heavy centers; triple spring front, elliptic spring rear; double reach ironed full length and extra strong fifth wheel.

Body—34 x 84 inch, drop end gate, leather dash, four body steps.

Seat—Portable with polished panel, spring back and cushion, padded seat ends, arm rail, seat handles, and special seat locks and braces to seat riser.

Painting—Body and Seat, black, neatly striped; gear, Brewster green with red stripe or New York red with black stripe.

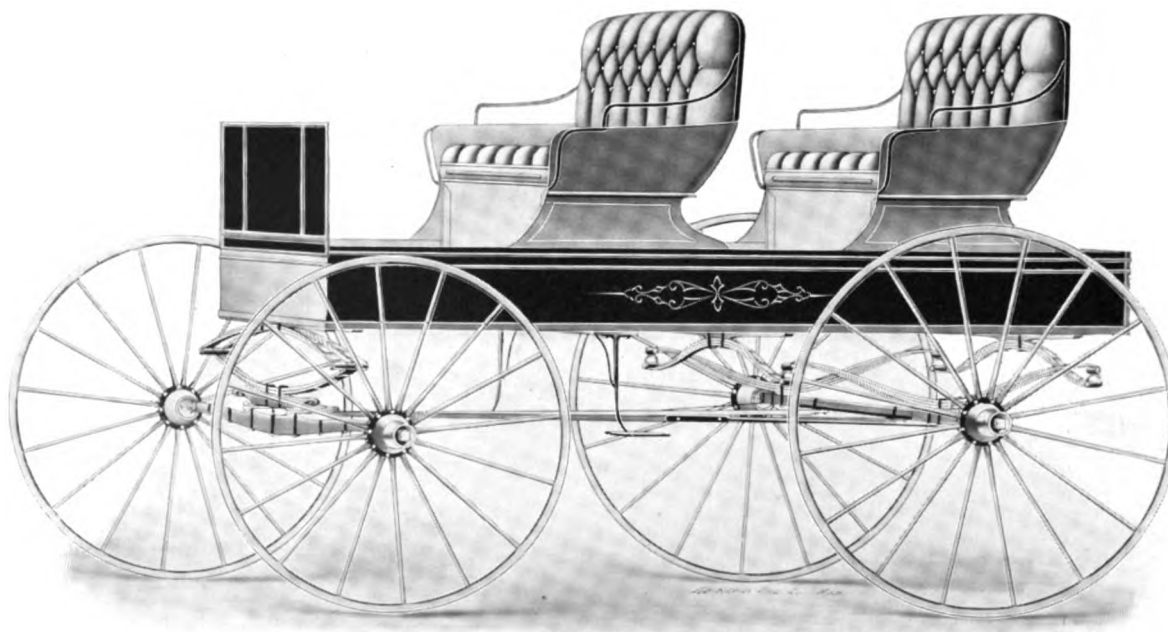
Trimming—Imitation leather throughout or leather with imitation fall and seat ends.

Shafts—Regular, with 17 inch point leathers.

Track—4 feet 8 inches, 5 feet 2 inches.

Capacity—800 pounds.

Extras—Pole in place of shafts. Canopy top. Brake.



Butter—No. 61 Light Combination Spring Wagon.

Oakland Grade.

Wheels—1 inch or $1\frac{1}{8}$ inch Sarven, plain rims.

Gear—1 1-16 inch dust-proof Concord axles with heavy centers; triple spring front and combination spring in the rear; double reach ironed full length and extra strong fifth wheel.

Body—34 x 84 inches, drop end gate, leather dash, 4 body steps.

Seat—Portable with polished panel spring back and cushion, padded seat ends, arm rail, seat handles and special seat locks and braces to seat riser.

Painting—Body and seat black, neatly striped; gear, Brewster green with red stripe, or New York red with black stripe.

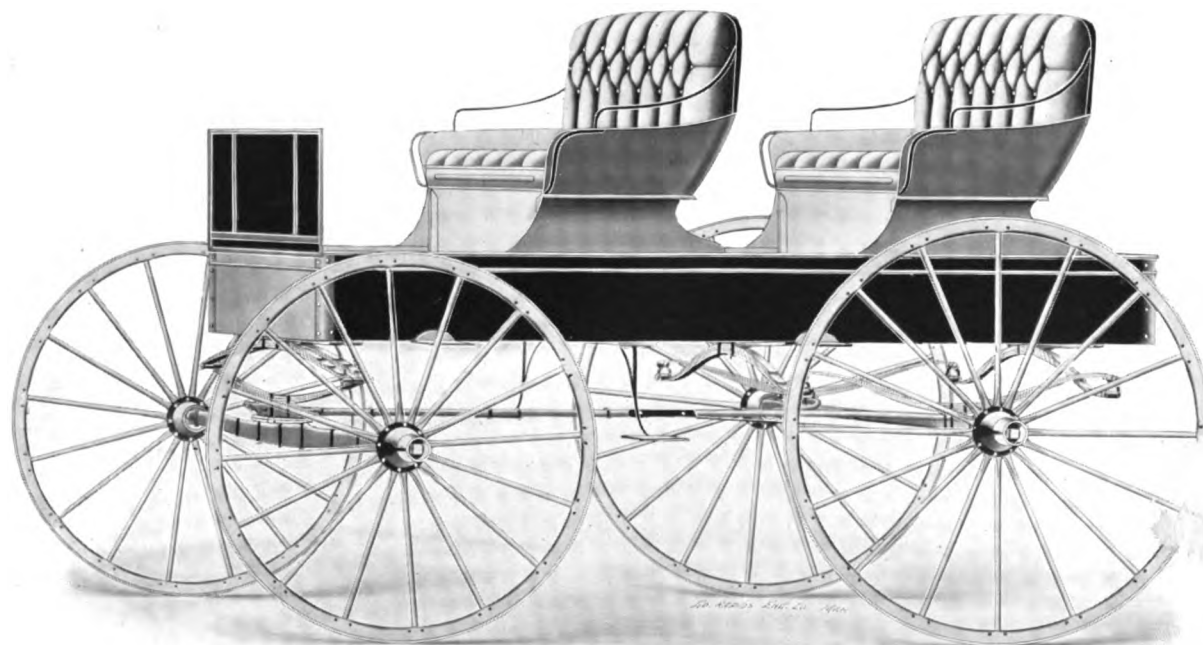
Trimming—Imitation leather throughout or leather with imitation fall and seat ends.

Shafts—Regular, with 17 inch point leathers.

Track—4 feet 8 inches, 5 feet 2 inches.

Capacity—800 pounds.

Extras—Pole in place of shafts. Canopy top. Brake.



Extra—No. 30—Pontiac “Whalebone” Reach Spring Wagon.

Oakland Grade.

Wheels— $1\frac{1}{4}$ inch Sarven patent, No. 9 flange, riveted rims, 5-16 inch tire.
Gear— $1\frac{1}{8}$ inch dust-proof Concord axles; oscillating fifth wheel; triple spring front and full platform spring in rear, with Climax Pontiac Whalebone reach.
Body—34 x 90 inches, framed inside, iron corners outside, solid side panel, drop end gate, leather dash and body step.
Seats—Solid panel, polished back, spring back and cushion, and extra brace to seat riser, padded ends.
Painting—Body and seat, black, neatly striped; gear, Brewster green with heavy red stripe, or New York red with black stripe.

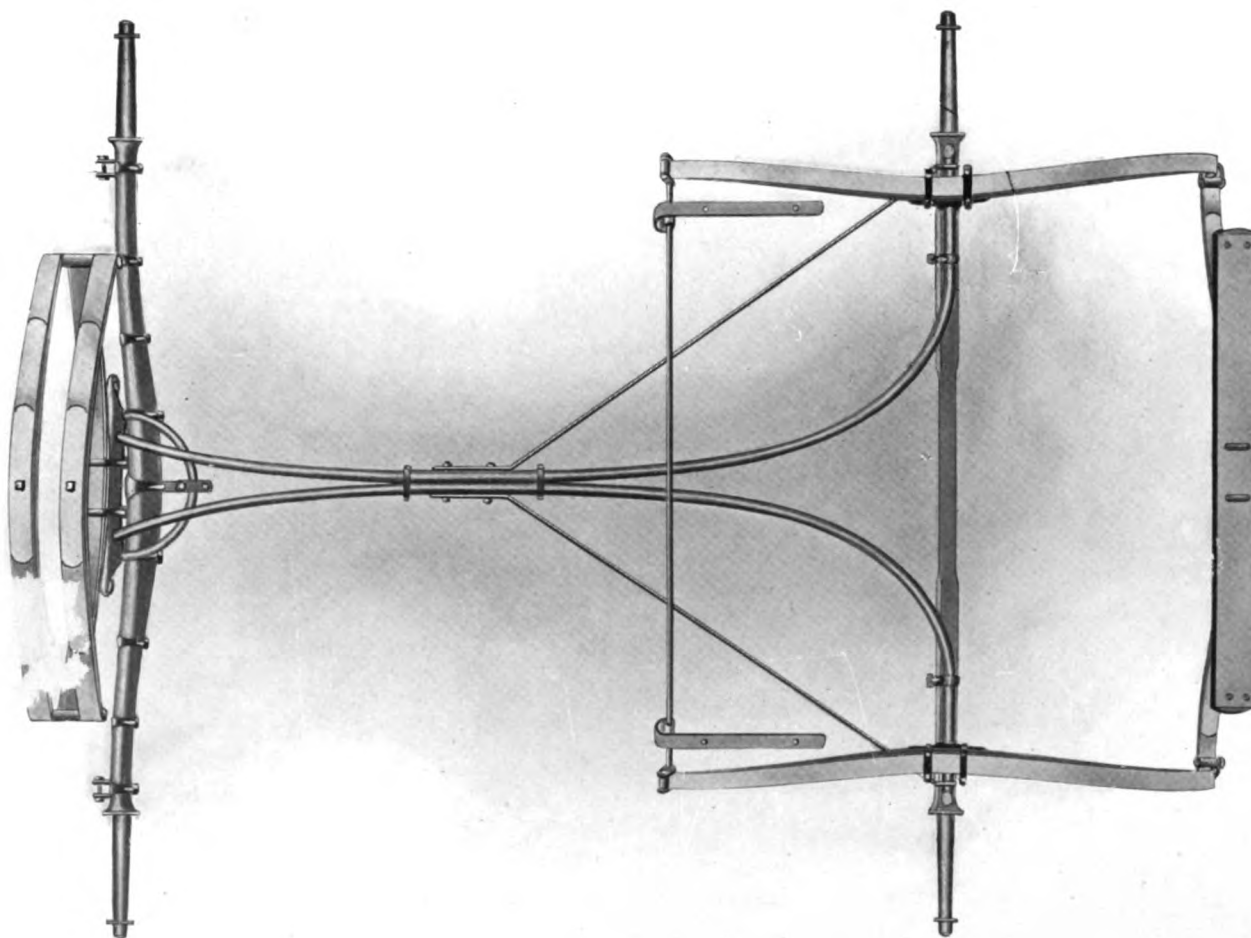
Trimming—Fairfield imitation leather or leather with Fairfield fall and seat ends.

Pole—Extra strong, complete with straps.

Track—4 feet 8 inches, 5 feet 2 inches.

Capacity—1200 pounds.

Extras—Canopy top with four standards, roll up, rubber side curtains; foot lever brake, hand lever brake.



Pontiax, Whalebone Gear.

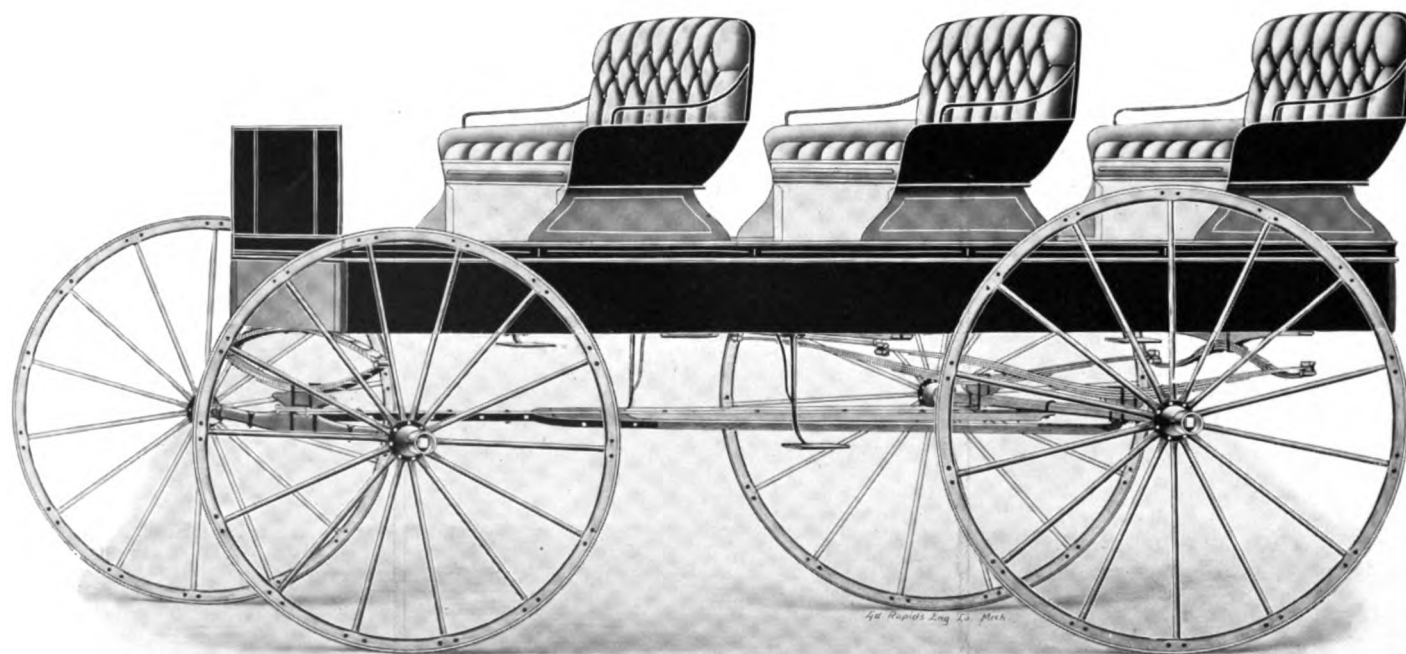
Above illustration shows construction of gear for No. 30 with equalizing rod and steel spring body connections.



Oakland Grade.

Painting—Body black, neatly striped; gear; Brewster green with carmine striping, of New York red with black stripe.

Extras—Canopy top, four posts with roll up rubber side curtains. Brake.



Parade—No. 66 Three Seat Spring Hack.

Oakland Grade.

Wheels—1½ inch riveted rims, Sarven patent, No. 13 flange, ½ inch tire.

Gear—1½ inch axles; heavy half platform springs; reach with wood hounds; extra strong fifthwheel.

Body—36 inches wide, 105 inches long, 8½ inches deep; framed inside, iron corners outside, leather dash drop end gate.

Seats—Three portable, polished, panel, spring back, spring cushion, padded ends.

Painting—Body and seat, black; gear, Brewster green with heavy carmine stripe.

Trimming—Fairfield imitation leather or leather with Fairfield fall and seat ends.

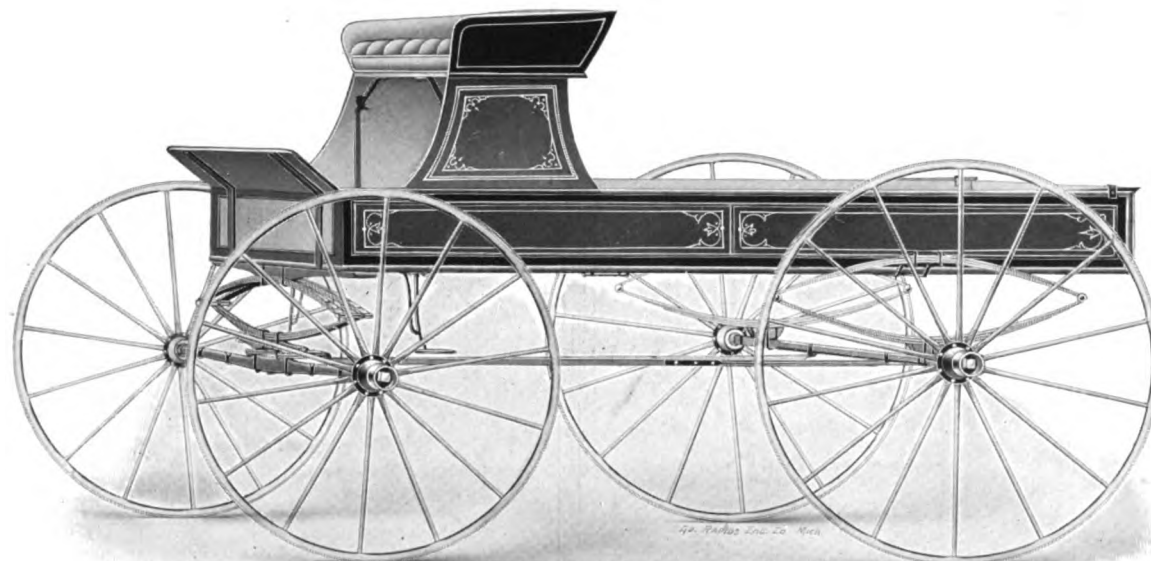
Pole—Extra heavy, complete with straps.

Track—4 feet 8 inches, 5 feet 2 inches.

Capacity—1800 pounds.

Extras—Canopy top, with 6 posts, roll up rubber side curtains; hand lever brake or foot lever brake.

Cannot supply this job in any other way than as above described.



Butler—No. 62 Light Delivery Wagon.

Oakland Grade.

Wheels—Sarven 1 inch or $1\frac{1}{4}$ inch, plain rims, $\frac{3}{4}$ inch tire.

Gear—1 1-16 inch dust-proof Concord axles; triple spring front, elliptic spring in rear; extra strong fifth wheel, double reach.

Body—34 x 84 inches with toe boards, drop end gate, body step.

Seat—High seat riser, extra strong frame; imitation leather cushion.

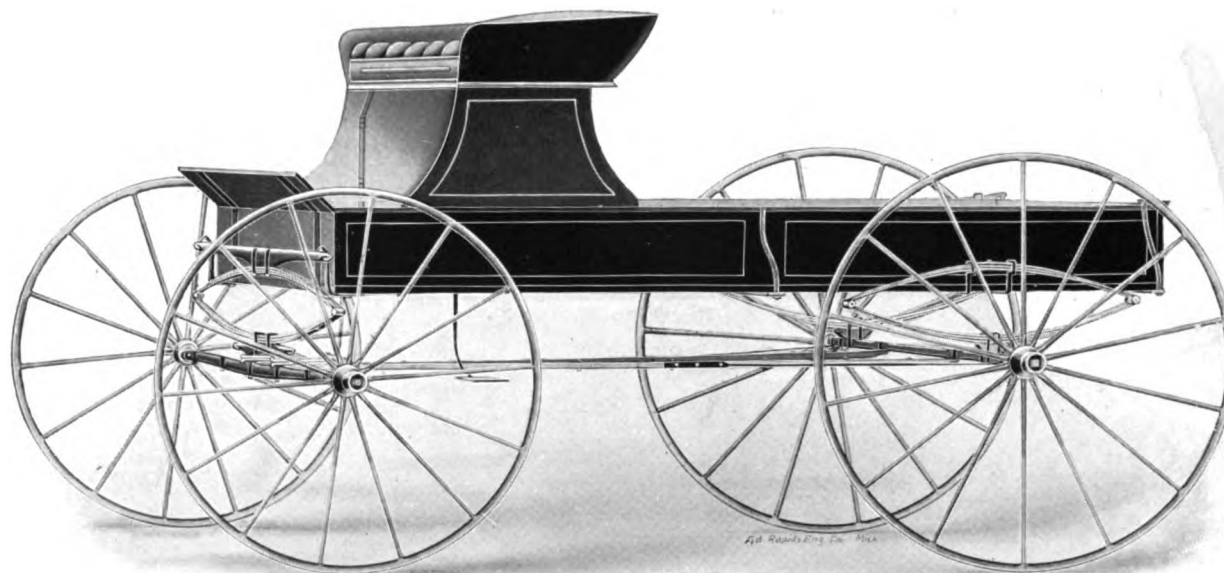
Painting—Body and seat, green, neatly striped; gear, New York red with black stripe.

Shafts—Regular, 17 inch leathers.

Track—4 feet 8 inches, 5 feet 2 inches.

Capacity—800 pounds.

Wing boards extra.



Paragon—No. 70 Standard Delivery Wagon.

**Parathon—No. 71 Same as No. 70 except Hayes' Spring in Front,
Extension Toe Board and Low Seat Risers.**

Oakland Grade.

Wheels— $1\frac{1}{2}$ inch Sarven patent, riveted rims, 5-16 inch tire.

Gear— $1\frac{1}{4}$ inch dust-proof Concord axles, elliptic spring, double reach, extra strong fifth wheel.

Body—36 x 90 inches, with drop end gate, toe board, outside body braces.

Seat—Panel, with high seat riser, strongly braced; imitation leather cushion.

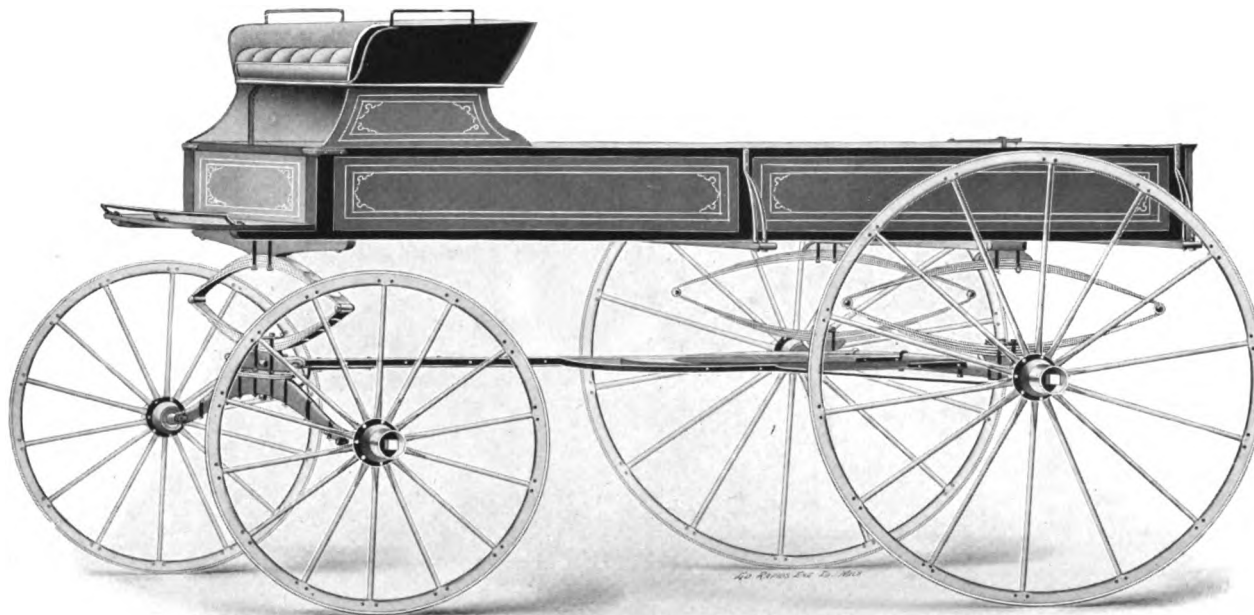
Painting—Body and seat, green, neatly striped; gear, New York red with black stripe.

Shafts—Regular, extra heavy.

Track—4 feet 8 inches, 5 feet 2 inches.

Capacity—1000 pounds.

Wing boards extra.



Samuel—No. 68 Cut-Under $1\frac{1}{8}$ inch Delivery Wagon, Extension Toe Board.

Good—No. 64, Same as No. 68, except High Wheels in Front.

Parapet—No. 73, Cut-Under $1\frac{1}{4}$ inch Delivery Wagon, Extension Toe Board.

Oakland Grade.

Wheels— $1\frac{1}{8}$ inch No. 9 flange, riveted rims, 5-16 inch tire.

Gear— $1\frac{1}{4}$ inch axles, $1\frac{3}{4}$ inch elliptic springs.

Body—40 inches wide, 90 inches long, extension toe board, drop end gate, outside iron braces, top edges ironed, hardwood bottom, boards running lengthwise.

Seat—As shown in cut, with heavy framed riser, imitation leather cushion.

Painting—Body in colors, neatly striped; gear, New York red with black stripe.

Shafts—Extra heavy.

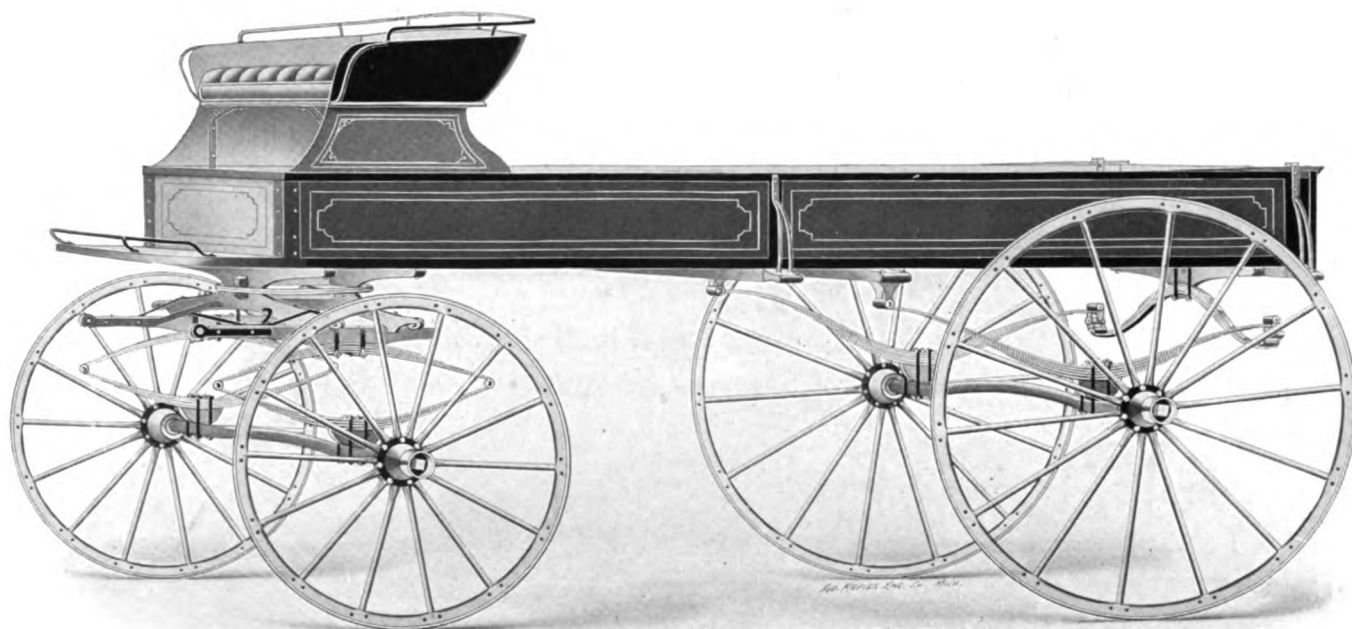
Track—4 feet 8 inches, 5 feet 2 inches.

Capacity—1000 pounds.

Extras—Top, wood frame, enamel duck curtains, top, side panels and back, side boards, lever brake, pole in place of shafts.

No. 64 same as No. 68 except high wheels in front and double reach.

No. 73 same as No. 68 except $1\frac{1}{4}$ inch wheels, axles and gear throughout and $1\frac{1}{2}$ inch springs, capacity 1500 pounds, 42 inch body.



Eminent—No. 76 Long Body, $1\frac{1}{4}$ inch Delivery Wagon, Full Platform Gear.

Exult—No. 75 Long Body, $1\frac{1}{4}$ inch Delivery Wagon, Three Spring Gear.

Oakland Grade.

Wheels— $1\frac{1}{4}$ inch Sarven, No. 13 riveted rims, $\frac{3}{8}$ inch tire.

Gear— $1\frac{1}{4}$ inch axles; $1\frac{1}{2}$ inch springs.

Body—42 x 108 inches, extension toe board, hard wood bottom, boards running lengthwise, drop end gate, outside braces, top edged ironed.

Seat—Imitation leather cushion; solid framed riser.

Painting—Body, green and decorated; gear, New York red.

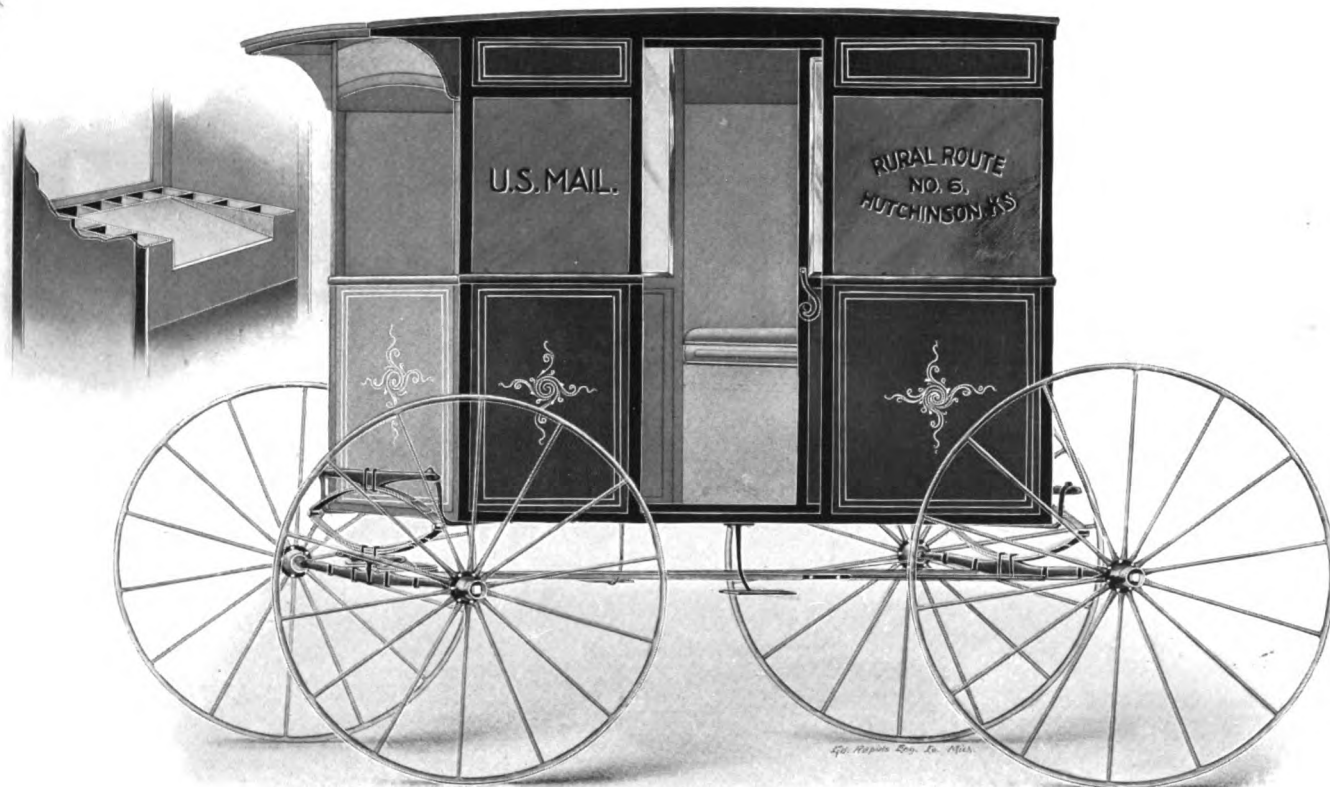
Track—4 feet 8 inches, 5 feet 2 inches.

Shafts—Extra heavy.

Capacity—1800 pounds.

Extras—Wood frame top, side boards, brake.

No. 75 same as No. 76, but with high front wheels and with three spring gear.



Essential—No. 300 Rural Mail Wagon.

Oakland Grade.

Wheels—Sarven, 1 inch tread, plain rims.

Gear—15-16 inch long distance, Bell collars heavy center axles; elliptic spring; strong fifth wheel; double reach.

Body—55 inches long, 30 inches wide; extra strong with high side panels, swinging glass transom in front, sliding doors with glass in upper panel, wide seat with lazy back; spring cushion with quick shifting arrangement; box underneath seat for packages.

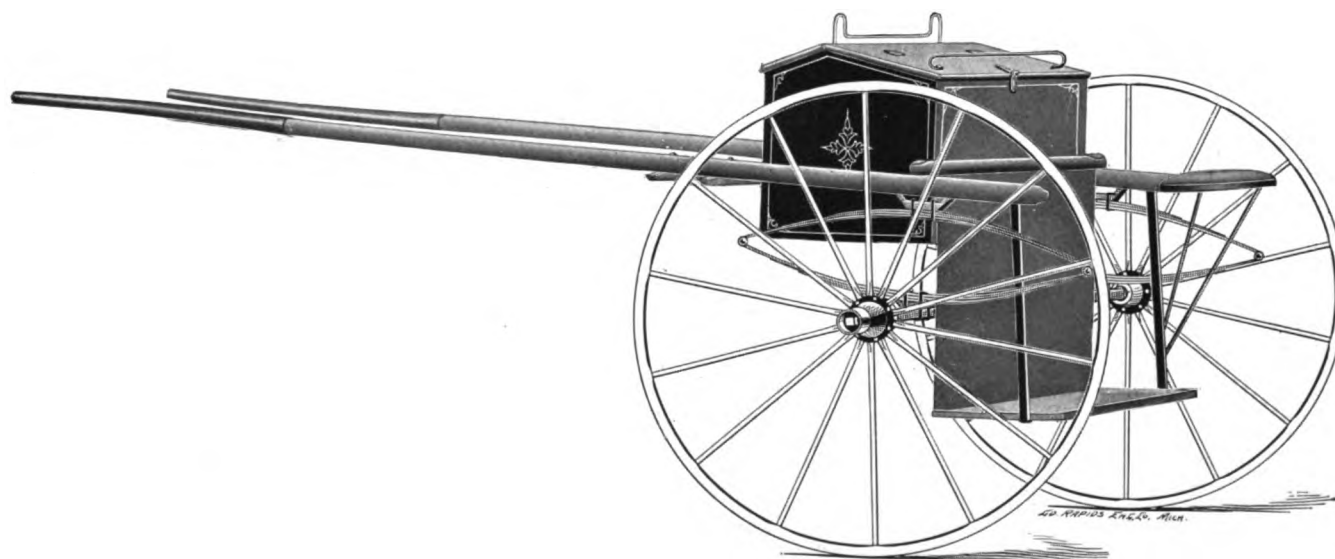
Desk—Pigeon holes.

Painting—Body in rich colors; gear, Brewster green or New York red.

Shipping—Body taken apart, knocked down and shipped in 30 inch crates.

Shafts—Regular Oakland grade.

Track—4 feet 8 inches, 5 feet 2 inches.



No. 450 Butcher's Rapid Delivery and Pick-Up Mail Cart.

Axle—1 1-16 inch double collar, steel.

Springs—Oil tempered and graded.

Wheels—Sarven, No. 9 flange, selected hickory, 1 1/8 inch tread, 46 inches high; tire, 1 1/8 x 5-16 inch, full bolted.

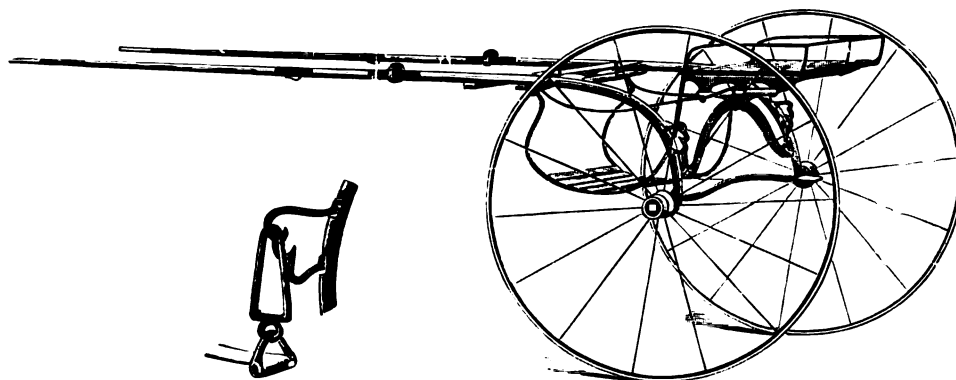
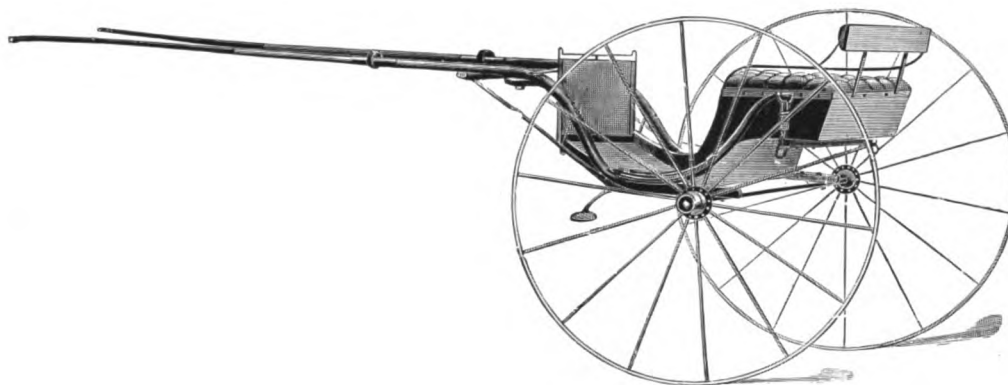
Box—Size 20 x 32 x 20 inches, made strong and durable; painted black, neatly striped and decorated.

Gear—Made heavy and durable; painted red, neatly striped.

Track—4 feet 8 inches track will be shipped, unless 5 feet 1 inch track is ordered.

No. 350. Road Cart.

Sarven, 1 x 40 inch wheels. Double collar. 1 inch axle. Adjustable 27 inch body, 30 inch seat; imitation leather spring cushion. Black body, Brewster green gear. Track 4 feet 8 inches.

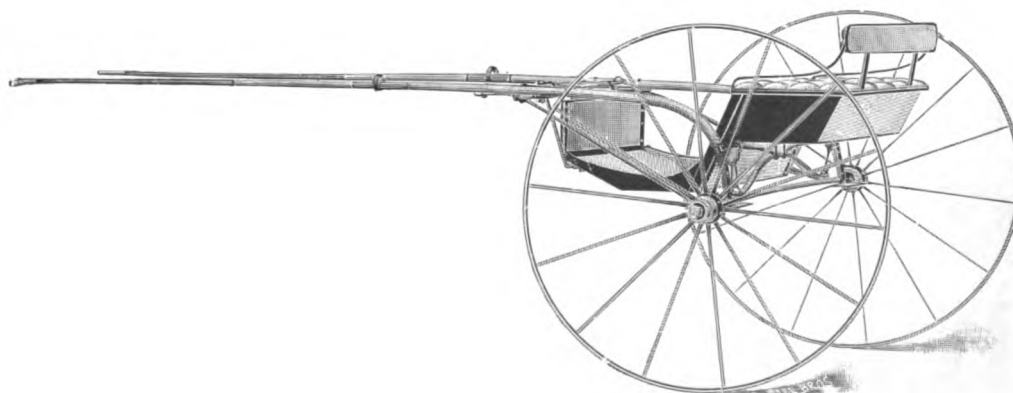


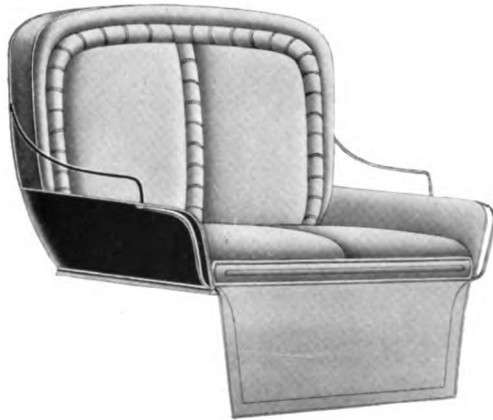
No. 390. Skeleton Cart.

Sarven wheels, 48 inches; 1 inch tread; 1 inch axle. Painted, wine. Track 4 feet 8 inches.

No. 250. Special Body Cart.

Sarven wheels, 48 x 1 inches. 1 inch double collar axles. Body 27 inches, seat 30 inches. Imitation leather trimming. Body painted black; gear, Brewster green. Track 4 feet 8 inches.





No. 1 SEAT

Would not recommend to use this in anything but leather trimming. Can make smooth cushion or divided, as shown in cut. Supply this design in any job in the catalogue, at the same price with the exception of the Nos. 125, 12½, 2 and 3.



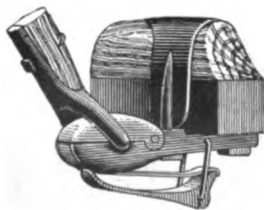
No. 2 SEAT

Supplied for any top job in the catalogue, with the exception of Nos. 2, 3, 125 and 12½, at extra price.

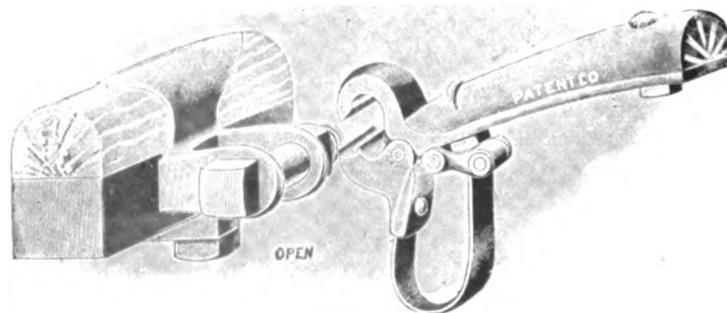


No. 3 SEAT

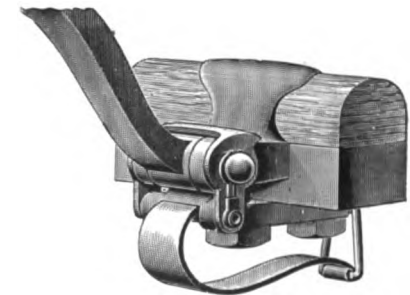
Regular No. 34 trimming. Can be supplied in any job of Standard grade, at an extra advance.



MULLHOLLAND SHAFT COUPLING, CLOSED



STANDARD SHAFT COUPLING



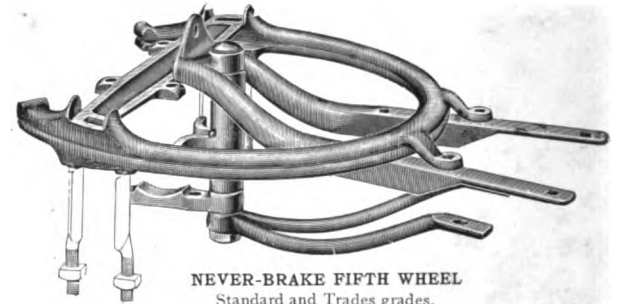
PONTIAC ALL STEEL SHAFT COUPLING



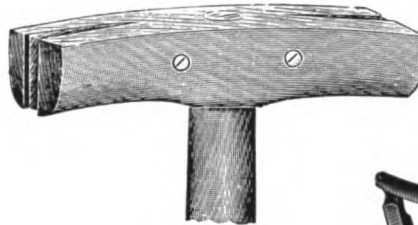
3 9015 07145 5912



WROUGHT FIFTH WHEEL
Used on Nos. 26 and 27 and A grade Runabouts.



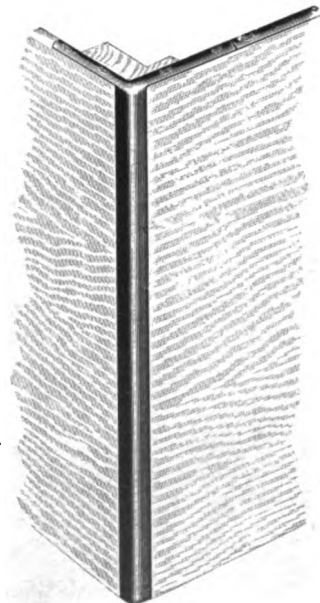
NEVER-BRAKE FIFTH WHEEL
Standard and Trades grades.



SECTION OF SCREWED RIM
Used on all A grade and Standard work.



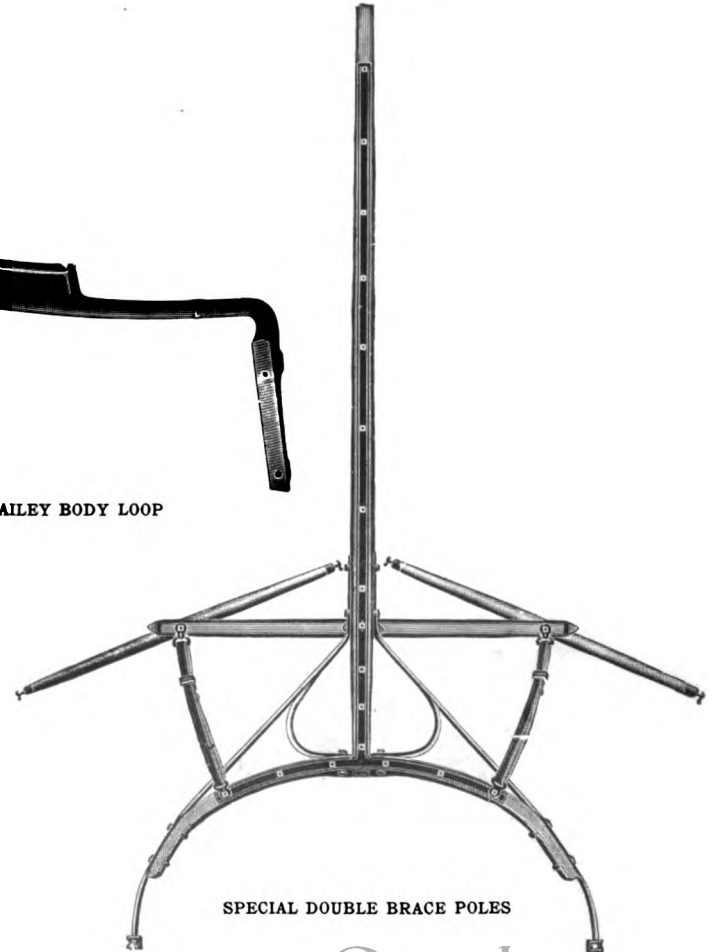
WROUGHT BAILEY BODY LOOP



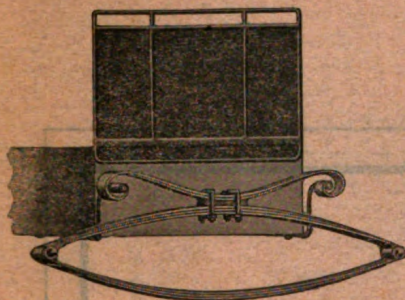
**PONTIAC STEEL BODY
CORNER**



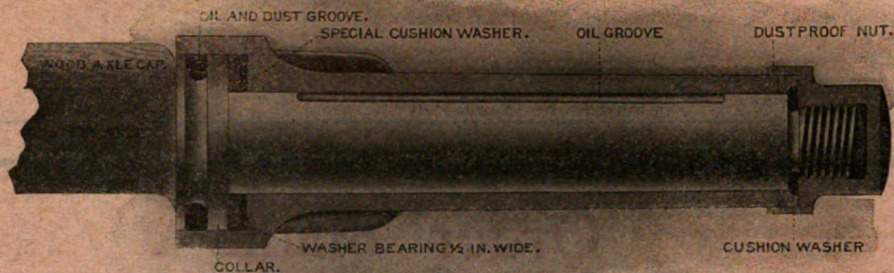
We guarantee all rubber tires for **one year** from date of sale, and will replace free all tires showing defects within that time. *Can we say more for our quality.*



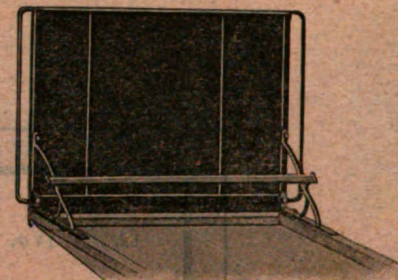
SPECIAL DOUBLE BRACE POLES



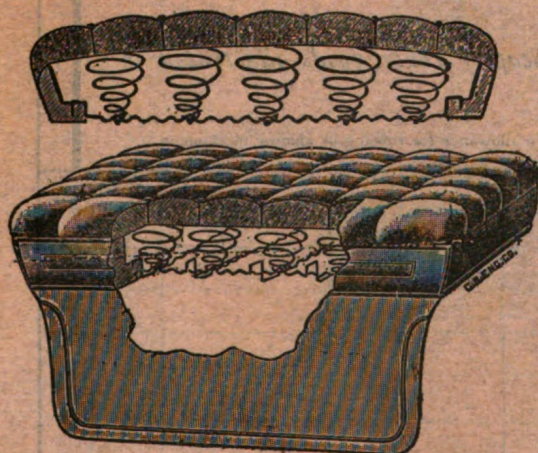
AUXILIARY SCROLL SPRING



PONTIAC CONCORD AXLE
Used on all Standard and A grade work



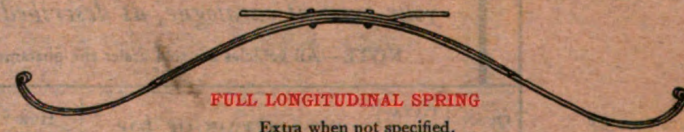
DASH FOOT AND BRACE
Used on all Standard Surreys.



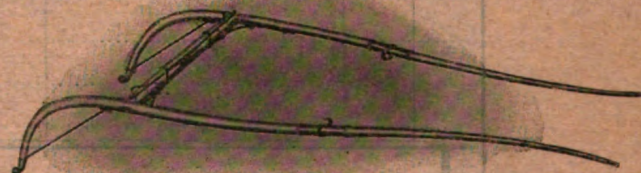
PULLMAN SPRING CUSHION
No vehicle complete without it. See our description.
15 springs, Buggies. 18 springs, Surreys.



SECTION OF REACH CONSTRUCTION

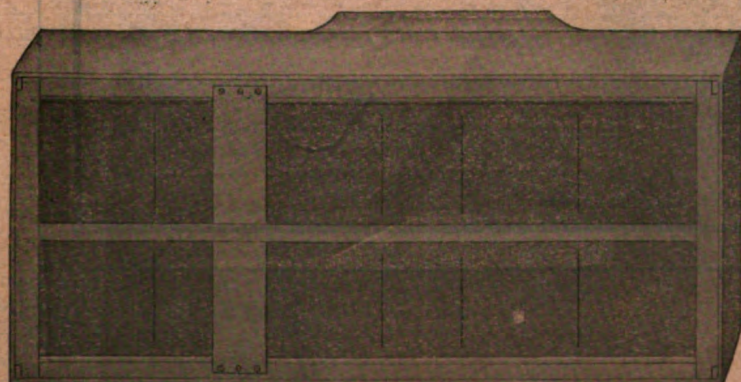


FULL LONGITUDINAL SPRING
Extra when not specified.

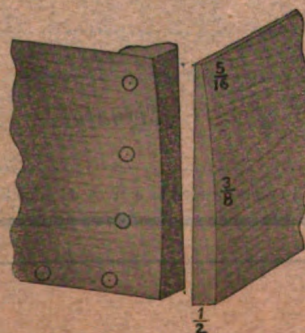


SHAFT, TOP VIEW

A grade—Amesbury. Standard grade—Standard. Oakland grade—Oakland, no braces.



PONTIAC PIANO BODY



PONTIAC WOOD CORNER



SHAFT, BOTTOM VIEW

Order Blank

Gentlemen:—Please ship as early as possible, by quickest and cheapest route, goods illustrated in your current catalogue, as described below:

[illegible]

Remarks.....

Signature

Shipping Station..... P. O.....

All orders entered as 4 ft. 8 in. Track, unless otherwise specified.

OUR NEW OPEN SOLID HEAD SPRING



The eye is **UPSET** and is about **ONE-THIRD HEAVIER** than the main leaf. The eye is **DRILLED**, which gives a **PERFECT BEARING** THE FULL LENGTH OF THE BOLT.



EASY RIDING—FINE APPEARANCE—NO RATTLING

